



CLSA 

INSPIRAMOS A SUA SEGURANÇA



SAFETY SYSTEM

YOUR PROTECTOR

SIR SAFETY SYSTEM

A light on the future

AFTER 40 YEARS IN BUSINESS, SIR SAFETY SYSTEM IS PROUD TO BE ONE OF THE GLOBAL PLAYERS AMONG COMPANIES THAT PROTECT PEOPLE AT THEIR WORKPLACE.

THE BEATING HEART OF THE COMPANY IS THE MODERN HEADQUARTERS IN ASSISI, IN ITALY'S GREEN HEART, WHICH HAS ALWAYS BEEN A SYNONYMOUS FOR TRADITION AND

LAND OF PEACE, BESIDES INSPIRING STRONGLY ETHICAL ENTERPRISES. SIR SAFETY SYSTEM WAS INDEED BORN HERE, 40 YEARS AGO, WITH A MARKED AND BURNING DESIRE TO GIVE A SENSE TO ITS MISSION: PROTECTING HUMAN BEINGS WHILE THEY WORK. STARTING FROM ITALY, SIR SAFETY SYSTEM



YOUR PROTECTOR



HAS SET UP NEW ADDITIONAL DELOCALISED PRODUCTION FACILITIES IN TIMISOARA, ROMANIA AND IN SHANGHAI, CHINA, WHERE THE COMPANY PRODUCES AND RESPONDS TO THE PROTECTION NEEDS OF THOSE NEW INDUSTRIAL WORLDS THAT ARE ENTERING THE MARKET OF THE NEW MILLENNIUM. SIR SAFETY SYSTEM FIRMLY BELIEVES THAT, COMPARED TO 40 YEARS AGO, THE FUTURE OF WORKERS AND THEIR SAFETY IS

BRIGHTER, THANKS TO INNOVATIVE MATERIALS AND A NEW MINDSET FUELLING THIS TREND. TODAY, AFTER 40 YEARS OF ACTIVITY, NEW GENERATIONS ARE TAKING THE STAGE AT "SIR". THEY ARE MORE AND MORE MOTIVATED TO CONTRIBUTE TO A BETTER WORLD, ILLUMINATING WITH THEIR IDEAS, THEIR INNOVATIONS AND THEIR WORK THE WORKPLACES OF THE FUTURE. AN EVER BRIGHTER WORLD TO COME.





ABOUT 4 MILLION ACCIDENTS OCCUR IN EUROPE EVERY YEAR, ENTAILING SERIOUS CONSEQUENCES FOR WORKERS. SIR SAFETY SYSTEM, THE WORKERS' PROTECTOR, PROVIDES ITS DEDICATION AND EXPERIENCE TO TACKLE THIS SERIOUS PROBLEM. SIR HAS ESTABLISHED A STRUCTURE OF TECHNICIANS IN THE FIELD, ABLE TO MEET THE SPECIAL NEEDS OF ITS CUSTOMERS, NOT JUST WITH EXPERT CONSULTANCY SERVICES, BUT ALSO WITH CUSTOMISED SOLUTIONS DESIGNED FOR THE SPECIFIC ISSUES OF EACH WORKING ENVIRONMENT. THAT IS HOW NEW PRODUCT LINES WERE DEVELOPED, SPECIFICALLY TESTED IN

THE FIELD AND DEvised WITHIN THE PRODUCTIVE DEPARTMENTS TO BE PROTECTED. THIS CATALOGUE ITSELF INCLUDES NEW AND PREVIOUSLY UNSEEN PROTECTION SOLUTIONS, THE RESULT OF TEAMWORK'S RESEARCH AND DEVELOPMENT. IT IS THANKS TO THESE INNOVATIONS THAT SIR INTRODUCES ITSELF AS THE IDEAL PARTNER FOR THOSE WHO NEED PROTECTION. TODAY, SIR IS INCREASINGLY A LANDMARK COMPANY IN ITS SECTOR, AND GLOBAL COMPANIES RELY ON SIR AS A COMPETENT PARTNER THEY CAN ENTRUST WITH THE SAFETY OF THEIR WORKERS, DAY AFTER DAY.



RECEPTION



SHOWROOM



SHOWROOM



OUTLET



MILAN BRANCH



PRODUCTION DEPARTMENT SIRTECH ROMANIA



ASSEMBLING DEPARTMENT



ASSEMBLING DEPARTMENT



CUSTOMISATION AND PRINTING DEPARTMENT



CUTTING DEPARTMENT



EMBROIDERY DEPARTMENT



TAILORING DEPARTMENT

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SAFETY SYSTEM



Our fabrics make the difference

SERIES	MATERIALS
SYMBOL WHITE	100% Sanforized Massaua Cotton 2/1
SYMBOL	100% Sanforized Massaua Cotton 2/1
TECH	100% Sanforized Massaua Cotton 3/1
SUMMER TECH	100% Gabardine cotton 3/1
EVOLUTION	65% Polyester - 35% Cotton
NEVADA PLUS	65% Polyester - 35% Cotton
	100% Massaua cotton 3/1
	100% Fustian cotton
FUSION	100% Gabardine cotton 3/1
	65% Polyester - 35% Cotton
	100% Massaua cotton 3/1
	100% Fustian cotton
FUSTIAN	100% Sanforized Fustian cotton
HARRISON	65% Polyester - 35% Cotton
GEMINI STRETCH	65% Polyester - 35% Cotton stretch canvas
HARD WEAR DENIM	85% Cotton - 15% Nylon Cordura®
HARD WEAR CANVAS	75% Cotton - 25% Nylon Cordura®
HARD WEAR INDUSTRIAL	65% Polyester - 35% Cotton
URBAN STRETCH	98% Cotton Twill - 2% Spandex
CLOTH 20/24	100% Cotton
TERITAL COTTON	65% Polyester - 35% Cotton
MISTRAL	55% Cotton - 45% Polyester
VELVET	60% Cotton - 40% Polyester
FLASH	100% Cotton
GREEN COLOUR	55% Cotton - 45% Polyester
HARD WEAR RUSH	80% Polyester - 20% Cotton
FLAME RETARDANT	100% Flame retardant cotton
POLYTECH	75% Cotton - 24% Polyester - 1% Antistatic fibre
POLYTECH 360	75% Cotton - 24% Polyester - 1% Antistatic fibre
POLYTECH PLUS	Laminated fabric
SUPERTECH	75% Cotton - 24% Polyester - 1% Antistatic fibre
LIGHT CARBOFLAME	99% Cotton - 1% Carbon fibre
CARBOFLAME	87% Cotton - 12% Nylon - 1% Carbon fibre
HEAVY CARBOFLAME	87% Cotton - 12% Nylon - 1% Carbon fibre
METAL SPLASH	54% Lenzing FR® - 20% Wool - 20% Polyamide - 1% Antistatic fibre



SAFETY SYSTEM

WEIGHT	CHARACTERISTICS	STANDARDS	Page ref.
260 g/m ²	Soft, breathable	EN ISO 13688	14
280 g/m ²	Comfortable, resistant	EN ISO 13688	18
280 g/m ²	Comfortable	EN ISO 13688	26
200 g/m ²	Lightweight, cool, breathable	EN ISO 13688	30
240 g/m ²	Mechanical protection	EN ISO 13688	32
240 g/m ²	Long-lasting	EN ISO 13688	34
280 g/m ²	Comfortable	EN ISO 13688	34
350 g/m ²	Fleece, winter wear	EN ISO 13688	34
200 g/m ²	Lightweight, cool, breathable	EN ISO 13688	42
240 g/m ²	Comfortable, breathable	EN ISO 13688	42
280 g/m ²	Comfortable	EN ISO 13688	42
350 g/m ²	Fleece, comfortable	EN ISO 13688	42
350 g/m ²	Fleece, winter wear	EN ISO 13688	38
300 g/m ²	Hard-wearing, comfortable	EN ISO 13688	48
260 g/m ²	Wear-resistant, hard-wearing	EN ISO 13688	52
375 g/m ²	Comfortable, resistant	EN ISO 13688, PRO	56
320 g/m ²	Comfortable, long-lasting	EN ISO 13688, PRO	60
310 g/m ²	Breathable, hard-wearing, long-lasting	EN ISO 13688, PRO	62
260 g/m ²	Comfortable, cool	EN ISO 13688	66
120 g/m ²	Lightweight, cool	EN ISO 13688	70-71-72-73
150 g/m ²	Lightweight	EN ISO 13688	70-71-72-73
245 g/m ²	High visibility summer wear	EN ISO 20471	172
350 g/m ²	Winter high visibility	EN ISO 20471	178
305 g/m ²	High visibility	EN ISO 20471	184
245 g/m ²	High visibility	EN ISO 20471	182
300 g/m ²	High visibility, hard-wearing, comfortable, long-lasting	EN ISO 20471, PRO	186
315 g/m ²	Flame retardant, welding	EN ISO 11611, EN ISO 11612	132
280 g/m ²	Multi-purpose protection, arc flash class 1	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, CEI EN 61482	142
360 g/m ²	Winter multi-purpose protection, arc flash class 1	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, CEI EN 61482	142
250 + 150 g/m ²	Multi-purpose protection, arc flash class 2	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, CEI EN 61482	148
280 g/m ²	Multi-purpose protection, high visibility, arc flash class 1	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, EN ISO 20471, CEI EN 61482	152
230 g/m ²	Flame retardant protection, welding	EN ISO 11611, EN ISO 11612, EN 1149-5	139
255 g/m ²	Flame retardant protection, antistatic, arc flash	EN ISO 11611, EN ISO 11612, EN 1149-5, CEI EN 61482	139
255 g/m ²	Flame retardant protection, antistatic, arc flash, thermal insulation	EN ISO 11612, EN 1149-5, EN 342, CEI EN 61482	140
330 g/m ²	Multi-purpose protection, incandescent metals including aluminium	EN ISO 11611, EN ISO 11612, EN 1149-5	160

Sizing guide chart



- A. HEIGHT
- B. CHEST CIRCUMFERENCE
- C. WAIST CIRCUMFERENCE

FUNCTIONAL CLOTHING

	42	44	46	48	50	52	54	56
A. HEIGHT	154-158	158-162	162-166	166-170	170-174	174-178	178-182	182-186
B. CHEST CIRCUMFERENCE	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118
C. WAIST CIRCUMFERENCE	74-78	78-82	82-86	86-90	90-94	94-98	98-102	102-106
			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			84-90	90-96	96-102	102-108	108-114	114-120
C. WAIST CIRCUMFERENCE			72-78	78-84	84-90	90-96	96-102	102-108

WINTER KNITWEAR

			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			84-90	90-96	96-102	102-108	108-114	114-120

SUMMER KNITWEAR

			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			78-84	84-90	90-96	96-102	102-108	108-114

WEATHER RESISTANT CLOTHING

			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			84-90	90-96	96-102	102-108	108-114	114-120

DISPOSABLE CHEMICAL PROTECTIVE CLOTHING

					M	L	XL	2XL
A. HEIGHT					164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE					96-104	104-112	112-118	118-126

HIGH RISK

	42	44	46	48	50	52	54	56
A. HEIGHT	154-158	158-162	162-166	166-170	170-174	174-178	178-182	182-186
B. CHEST CIRCUMFERENCE	82-86	86-90	90-94	94-98	98-102	102-106	106-110	110-114
C. WAIST CIRCUMFERENCE	74-78	78-82	82-86	86-90	90-94	94-98	98-102	102-106
			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			84-90	90-96	96-102	102-108	108-114	114-120

HIGH VISIBILITY

	42	44	46	48	50	52	54	56
A. HEIGHT	154-158	158-162	162-166	166-170	170-174	174-178	178-182	182-186
B. CHEST CIRCUMFERENCE	90-94	94-98	98-102	102-106	106-110	110-114	114-118	118-122
C. WAIST CIRCUMFERENCE	74-78	78-82	82-86	86-90	90-94	94-98	98-102	102-106
			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			98-106	102-110	106-114	110-118	114-122	118-126

A PRODUCT IS COMFORTABLE AND SAFE WHEN CHOSEN IN THE RIGHT SIZE.
WE RECOMMEND YOU TO USE THE FOLLOWING SIZING CHART TO CHOOSE THE RIGHT GARMENT SIZE.

58	60	62	64
186-190	190-194	194-198	198-204
118-122	122-126	126-130	130-134
106-110	110-114	114-118	118-122

3XL			
196-204			
120-126			
108-114			

3XL			
196-204			
120-126			

3XL			
196-204			
114-120			

3XL			
196-204			
120-126			

3XL			
196-204			
126-132			

58	60	62	64
186-190	190-194	194-198	198-204
114-118	118-122	122-126	126-130
106-110	110-114	114-118	118-122

3XL			
196-204			
120-126			

58	60	62	64
186-190	190-194	194-198	198-204
122-126	126-130	130-134	134-138
106-110	110-114	114-118	118-122

3XL			
196-204			
122-130			

WOMEN

			XS	S	M	L	XL		
A. HEIGHT			154/172	158/176	162/180	166/184	170/188		
B. CHEST CIRCUMFERENCE			78-84	84-90	90-96	96-102	102-108		

Protect those who protect you: care and washing instructions



SAFETY SYSTEM

THE HIGH QUALITY OF SIR SAFETY SYSTEM GARMENTS AND THE PERFORMANCE OF THE FABRICS ARE GUARANTEED BY SIR; BY FOLLOWING A FEW, SIMPLE GUIDELINES WHEN WASHING AND DRYING, THEIR CHARACTERISTICS WILL REMAIN UNCHANGED OVER TIME. THE DATA SHEETS AND THE LABELS INSIDE THE GARMENTS INDICATE, IN A CONCISE BUT DETAILED MANNER, HOW TO TAKE CARE OF THE GARMENTS, INDICATING THE MOST CORRECT WASHING METHOD IN ORDER TO PRESERVE THE CLOTHING AS NEW AND MAINTAIN THEIR PROTECTIVE CHARACTERISTICS. THE FOLLOWING TABLE SHOWS THE SYMBOLS AND THEIR MEANINGS FOR EASY READING AND QUICK UNDERSTANDING OF GARMENT LABELLING.

DRY CLEANING	DO NOT DRY CLEAN 	DRY CLEAN ONLY NO TRICHLORIDE 							
WASHING	DO NOT WASH 	HAND WASH 	WASH 30° 	WASH 40° 	WASH 60° 				
BLEACHING AND CHLORINE	DO NOT BLEACH 	BLEACH OK 	DO NOT USE CHLORINE BLEACH 	USE CHLORINE BLEACH 					
IRONING	DO NOT IRON 	COLD IRON 	MEDIUM HOT IRON 	HOT IRON 					
DRYING	NO TUMBLE 	LOW TUMBLE 	MEDIUM TUMBLE 	HANG TO DRY 	DRY FLAT 	HANG TO DRY IN THE SHADE 	DRY FLAT IN THE SHADE 		
INDUSTRIAL WASHING EN ISO 15795									

Customisation

SAFETY FIRST, THEN THE IMAGE. SIR CLOTHING, IN ADDITION TO BEING PROTECTIVE, CAN ALSO CONVEY THE COMPANY'S IMAGE, TRANSMITTING SERIOUSNESS AND PROFESSIONALISM. THANKS TO THE IN-HOUSE CUSTOMISATIONS DEPARTMENT THAT USES PROFESSIONAL EXPERTS AND THE STATE-OF-THE-ART TECHNOLOGY,

SIR CAN CUSTOMISE GARMENTS USING DIFFERENT TECHNIQUES, INCLUDING: HOT-PRESSED LABELS, SCREEN PRINTING, SEWING OF EMBROIDERED OR FLOCKED LABELS, HEAT-TRANSFER AND DIRECT EMBROIDERY ON CLOTHING.



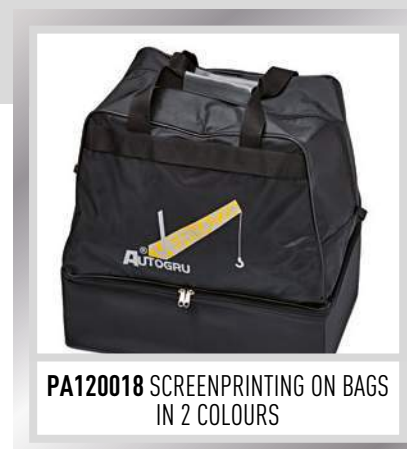
PA120006 LARGE SCREEN PRINTING ON SHOULDERS IN 2 COLOURS



PA120005 LARGE SCREEN PRINTING ON SHOULDERS IN 1 COLOUR



PA120016 LARGE SCREEN PRINTING ON T-SHIRT SHOULDERS IN 4 COLOURS



PA120018 SCREENPRINTING ON BAGS IN 2 COLOURS

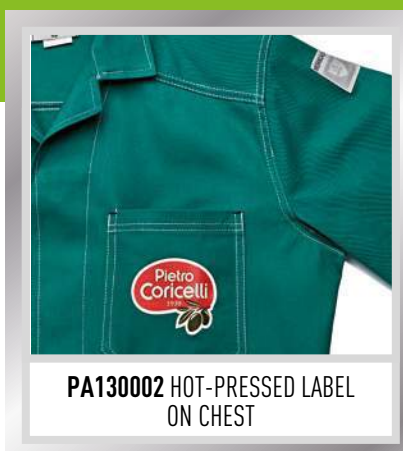
Screen printing is a printing technique which consists in transferring coloured inks directly onto the garments. Choose colours in contrast with the fabric they must be applied on, so they are clearly visible. Please respect the minimum quantities indicated in the price list. Reference printing plate: code **PA150002**



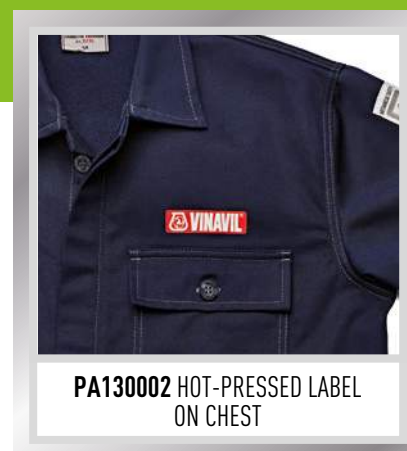
PA110006 DIRECT EMBROIDERY ON CLOTHING, SHOULDERS



PA130009 CARVED HEAT-TRANSFER ON SHOULDER



PA130002 HOT-PRESSED LABEL ON CHEST



PA130002 HOT-PRESSED LABEL ON CHEST

Embroidery is a customisation obtained by industrial machine that creates patterns/lettering with coloured thread, directly on the fabric. Choose colours in contrast with the fabric they must be applied on, so they are clearly visible.

Reference setup:
code **PA150004**

This type of customisation is made in coloured PVC, carved by plotter and heat-transferred onto garments.

Reference printing plate:
code **PA150005**

White plastic label, printed with a plotter; it offers bright colours and the possibility to get shaded tones. It is then applied on the garments by heat. It cannot be used on fabrics with very thick weave such as beanies or pullovers.

Reference printing plate:
code **PA150001**

- PA150001** Printing plate for screen printing, hot-pressed, flock, adhesive label - small size
- PA150002** Printing plate for screen printing, hot-pressed, flock label - large size
- PA150003** Setup for direct embroidery on garment or on label - small size
- PA150004** Setup for direct embroidery on garment or on label - large size
- PA150005** Printing plate for carved heat-transfer - small or large size



Embroidery is a customisation obtained by industrial machine that creates patterns/lettering with coloured thread, directly on the fabric. Choose colours in contrast with the fabric they must be applied on, so they are clearly visible. Reference setup: code **PA150003**
Possibility of producing customised trimming.



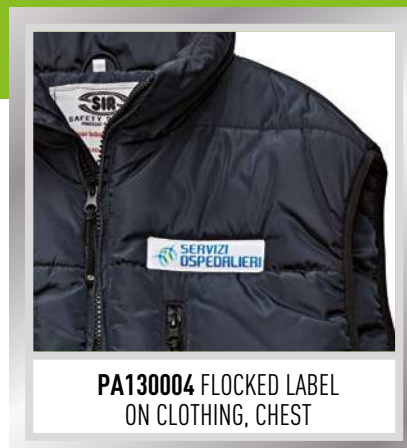
Sticker with white or transparent background, colour-printed with plotter.
Possibility of shaded patterns.

Reference printing plate:
code **PA150001**
(of suitable size)



Label made by embroidery on a cloth/felt support, the colour of which is optional. It is then applied to the clothing by sewing.

Reference setup:
code **PA150003**



This is a special label, printed with plotter on white flocked plastic support, that is sewn on padded/weather resistant clothing. Possibility of shaded patterns.

Reference setup:
code **PA150001**



Screen printing is a printing technique which consists in transferring coloured inks directly onto the garments. Choose colours in contrast with the fabric they are applied on, so they are clearly visible. Please respect the minimum quantities indicated in the price list.

Reference printing plate:
code **PA150001**

FUNCTIONAL WHITE CLOTHING

RECOMMENDED FOR

- FOOD PROCESSING
- CLEANING
- MAINTENANCE
- PHARMACEUTICAL INDUSTRY
- CHEMICAL LABORATORIES
- TESTING LABORATORIES



FOOD
SAFE



MC1135K1
SYMBOL SHORT JACKET
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m²
COLOUR: white
SIZES: 44-62

- Concealed closure with five metal buttons detected by metal detector
- Cuffs and pockets fastened with metal snap buttons
- Jointed double stitched seams



MC1131K1
SYMBOL TROUSERS
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m²
COLOUR: white
SIZES: 38-62

- Fly with metal button and plastic zipper
- Back pocket with metal button closure
- Waist loops
- Side welt pockets
- Pocket on left leg closed with metal button
- Jointed double stitched seams



MC2321K1
BAHAMAS CAP

MATERIAL: 100% cotton and polyester mesh fabric
COLOUR: white
SIZES: one size fits all

- Baseball cap
- Adjustable width



MC2311K1
WOMEN HAIRNET

MATERIAL: 100% cotton
COLOUR: white
SIZES: one size fits all

- Wide cotton hairnet with peak
- Hairnet in perforated cloth

MC1137K1
SYMBOL COVERALL
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m²
COLOUR: white
SIZES: 44-62

- Two-way central zipper closure
- Shirt collar
- Back elasticated waistband
- Two side pockets
- Zippered chest pocket
- Jointed double stitched seams



MC1134K1
SYMBOL JACKET
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m²

COLOUR: white

SIZES: 42-62

- Concealed closure with five metal buttons detected by metal detector
- Chinese collar
- Inner chest pocket
- Elasticated cuffs
- Jointed double stitched seams



MC1133K1
SYMBOL BIB-TROUSERS
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m²

COLOUR: white

SIZES: 44-62

- Elastic shoulder straps with quick-fastening buckle
- Bib with zippered central pocket
- Rear bib
- Back pocket
- Adjustable waist with buttons
- Two front pockets
- Right ruler pocket
- Jointed double stitched seams



MC2633K1
FOX APRON

MATERIAL: Terital/cotton, 65% polyester and 35% cotton, 150 g/m²

COLOUR: white

SIZES: one size fits all

- Closure with fabric string
- Adjustable collar width with snap buttons
- Side pocket
- Dimensions cm 69x92

restyled

STRETCH
NEW



MC1148K1
MEN'S SYMBOL COAT
EN ISO 13688

MATERIAL: 100% cotton Twill, 200 g/m²

COLOUR: white

SIZES: 44-62

- Closure with six metal buttons detected by metal detector
- Side pockets
- Chest pocket with pen holder
- Elasticated cuffs
- Rear slit



MC1158K1
WOMEN'S SYMBOL COAT
EN ISO 13688

MATERIAL: 100% cotton Twill, 200 g/m²

COLOUR: white

SIZES: 38-56

- Women's fit



MC1168K1
MEN'S SYMBOL STRETCH COAT EN ISO 13688

MATERIAL: Twill fabric 65% polyester, 32% cotton, 3% Lycra, 200 g/m²

COLOUR: white

SIZES: 44-62

- Ergonomic cut yoke
- Closure with six metal buttons detected by metal detector
- Side pockets and chest pocket with pen holder
- Elasticated cuffs
- Rear slit



MC1178K1
LADIES' SYMBOL STRETCH COAT EN ISO 13688

MATERIAL: Twill fabric 65% polyester, 32% cotton, 3% Lycra, 200 g/m²

COLOUR: white

SIZES: 38-56

- Women's fit
- Rear martingale

FUNCTIONAL WHITE CLOTHING



MC2815K1
BUSINESS SHIRT

MATERIAL: 80% cotton and 20% polyester, 120 g/m²

COLOUR: white

SIZES: 38-46

- Button-down collar
- Two-button cuffs
- Chest pocket



MC3124K1
SIRFLEX ZIP COLLAR SWEATSHIRT

MATERIAL: 50% cotton and 50% polyester, 280 g/m²

COLOUR: white

SIZES: XS-3XL

- Collar with zipper closure
- Internal seam covering fabric tape
- Elastic knitted cuffs and waistband
- Chain stitching in contrasting colour



MC3016K1
LONG-SLEEVED POLO SHIRT

MATERIAL: Honeycomb piquet fabric 100% cotton, 200 g/m²

COLOUR: white

SIZES: S-3XL

- Three buttons-closure
- Long sleeves with stretch knitted cuffs
- Collar with seam covering fabric tape
- Double stitching on shoulders and armhole
- Silicone treatment that maintains colour brightness and softness



MC3012K1
SIRFLEX T-SHIRT

MATERIAL: Jersey fabric 100% combed cotton 140 g/m²

COLOUR: white

SIZES: XS-4XL

- Round neck T-shirt
- Jersey collar
- Side seams



MC3018K1
SIRFLEX POLO SHIRT

MATERIAL: Honeycomb piquet fabric 100% cotton, 210 g/m²

COLOUR: white

SIZES: S-3XL

- Short-sleeved polo shirt
- Collar with two buttons and taped seams
- Knitted trims on sleeves
- Armholes and shoulders with double stitching
- Silicone treatment that maintains colour brightness and softness



MC3024K1
SIRFLEX LONG-SLEEVED T-SHIRT

MATERIAL: Jersey fabric 100% cotton, 160 g/m²

COLOUR: white

SIZES: S-3XL

- Long-sleeved, round neck T-shirt
- Elastic knitted cuffs and collar
- Side seams

MC2647K1
MEN'S LAB COAT
EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: white

SIZES: 44-62

- Concealed four snap buttons closure
- Two side pockets
- Chest pocket with pen holder
- Rear slit
- Elasticated cuffs

MC2646K1
LADIES' LAB COAT
EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: white

SIZES: 38-56

- Concealed five snap buttons closure
- Two side pockets
- Chest pocket with pen holder
- Rear slit
- Cuffs fastened with button

THERMO WHITE SERIES



NEW
for women



MC3129K1
VICTORY MICRO-FLEECE

MATERIAL: Highly compact fleece 100% polyester, 144 filaments, 230 g/m²

COLOUR: white

SIZES: S-3XL

- Zipper collar
- Chest pocket with concealed zipper closure
- Waist drawstring
- Contrasting profiles



NEW



MC5314K1
THERMO JACKET

EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: white

SIZES: S-3XL

- Front zipper closure
- Two lower pockets
- Elasticated armhole and bottom
- Turtleneck collar with fleece lining
- Softshell windproof inserts



MC5316K1
THERMO BODYWARMER

EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: white

SIZES: S-3XL

- Front zipper closure
- Two lower pockets
- Elasticated armhole and bottom
- Turtleneck collar with fleece lining
- Softshell windproof inserts



MC5311K1
THERMO TROUSERS

EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester

COLOUR: white

SIZES: S-3XL

- Classic cut front pockets
- Back welt pocket
- Waistband with adjustable drawstring
- Softshell windproof inserts



SYMBOL

MULTIPURPOSE AND MULTIFUNCTIONAL, THE **SYMBOL SERIES** IS MADE IN 100% SANFORIZED MASSAUA COTTON 2/1. THE NATURE OF THE FABRIC MAKES THE GARMENTS SOFT, BREATHABLE AND COMFORTABLE. THE SPECIAL ATTENTION TO FINISHES, SUCH AS THE REINFORCEMENT BAR TACKS AND JOINTED TRIPLE STITCHED SEAMS ENSURE RESISTANCE, STRENGTH AND LONG LIFESPAN.





SYMBOL

100%

SANFORIZED MASSAUA
COTTON 2/1

280

G/M²

RECOMMENDED FOR

- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
- MAINTENANCE



MC1115Q7 SYMBOL SHORT JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue

SIZES: 44-62

- Concealed five-button closure
- Chest pockets with flap and buttons
- Cuffs fastened with button
- Triple stitching on the shoulders
- Seams and bar tacks in contrasting colour

MC1111Q7 SYMBOL TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue

SIZES: 38-64

- Fly with button and zipper
- Two welt pockets
- Back elasticated waistband
- Right leg ruler pocket
- Utility pocket with flap and pen holder on the left side
- Back pocket with button closure
- Triple stitching on the outer leg
- Seams and bar tacks in contrasting colour



MC1125R7

Fabric 250 g/m²

COLOUR: green



MC1115B4 COLOUR: grey



MC1115P8 COLOUR: royal blue



01



02



REFLECTIVE BANDS CAN BE APPLIED ON ALL GARMENTS

01 GREY REFLECTIVE BAND HEIGHT 5 CM

PA170023 AROUND SLEEVES

PA170031 AROUND CHEST

PA170027 AROUND LEGS

02 TWO-TONE REFLECTIVE BAND HEIGHT 8.5 CM

PA170034 AROUND SLEEVES

PA170036 AROUND CHEST

PA170035 AROUND LEGS

The set in the photo can be certified EN ISO 20471 class 1

MC1151Q7 SYMBOL TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue

SIZES: 38-62

- Double reflective band
- Fly with button and zipper
- Two welt pockets
- Rear elastic
- Right leg ruler pocket
- Utility pocket with flap and pen holder on the left side
- Back pocket with button closure
- Triple stitching on the outer leg
- Seams and bar tacks in contrasting colour



MC1141Q7 BREEZE TROUSERS

EN ISO 13688

MATERIAL: Cool cotton, 160 g/m²

COLOUR: navy blue

SIZES: 40-62

- Fly with button and zipper
- Front welt pockets
- Back elasticated waistband
- Utility pockets with flap and Velcro closure
- Back pocket with button closure

MC1161Q7 SYMBOL PIPING TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue

SIZES: 40-62

- Four buttons-closure
- Piping along the side seams



MC1121R7

Fabric 250 g/m²

COLOUR: green **SIZES:** 44-62



MC1111B4

COLOUR: grey **SIZES:** 40-62



MC1111P8

COLOUR: royal blue **SIZES:** 38-62



SYMBOL



MC1114Q7 SYMBOL JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue

SIZES: 44-62

- Concealed four-buttons closure
- Two side pockets
- Chest pocket
- Triple stitching on the shoulders
- Seams and bar tacks in contrasting colour



MC1124R7 Fabric 250 g/m² COLOUR: green



MC1114B4 COLOUR: grey



MC1114P8 COLOUR: royal blue



100%

SANFORIZED MASSAUA
COTTON 2/1

280

G/M²

RECOMMENDED FOR

- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
- MAINTENANCE

MC1123R7

Fabric 250 g/m²
COLOUR: green

MC1113B4

COLOUR: grey

MC1113P8

COLOUR: royal blue

MC1113Q7

SYMBOL BIB-TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1,
280 g/m²

COLOUR: navy blue

SIZES: 44-62

- Fly with zip
- Adjustable waist with buttons
- Elastic waistband
- Front pockets with reinforced seams
- Back pocket
- Right ruler pocket
- Bib with two pockets
- Elastic shoulder straps with quick-fastening buckles
- Rear bib
- Triple stitching on outer leg and bib pocket
- Seams and bar tacks in contrasting colour



MC1112Q7

SYMBOL BERMUDAS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1,
280 g/m²

COLOUR: navy blue

SIZES: 44-62

- Fly with button and zipper
- Side welt pockets
- Right ruler pocket
- Utility pocket with pen holder, flap and Velcro closure on the left leg
- Back pockets with flap and Velcro closure
- Elastic waistband
- Triple stitching on the outer leg
- Seams and bar tacks in contrasting colour

SYMBOL

100%

SANFORIZED MASSAUA
COTTON 2/1

280

G/M²

RECOMMENDED FOR

- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
- MAINTENANCE



MC1117Q7

SYMBOL COVERALL

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue

SIZES: 44-62

- Concealed two-way zipper closure
- Two side welt pockets
- Shoulder area reinforced with triple stitching
- Back elasticated waistband
- Two zippered chest pockets
- Right ruler pocket
- Back pocket
- Seams and bar tacks in contrasting colour

MC1117B4

COLOUR: grey

MC1117P8

COLOUR: royal blue



MC1127R7

MATERIAL: fabric 250 g/m²

COLOUR: green

SIZES: 44-62

- Two side patch pockets
- Zippered chest pocket
- Elastic knitted cuffs





MC118Q7
SYMBOL COAT
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1,
280 g/m²

COLOUR: navy blue

SIZES: 44-62

- Knee-length with triple contrasting stitching on the shoulders
- Concealed four-buttons closure
- Two lower pockets and one chest pocket
- Seams and bar tacks in contrasting colour



MC1128R7
Fabric 250 g/m²
COLOUR: green



MC1118B4 **COLOUR:** grey



MC1118P8 **COLOUR:** royal blue



THE MAIN ADVANTAGE OF THIS MULTIPURPOSE SERIES IS **THE WIDE RANGE OF COLOURS AND THE POSSIBILITY TO CUSTOMISE CLOTHING WITH OVER 80 DIFFERENT ACCESSORIES**, TO HAVE A GARMENT THAT PERFECTLY ADAPTS TO EVERY WORKING NEED.

MADE IN 100% COTTON, IT IS EXTREMELY COMFORTABLE. ITS CONSTRUCTION WITH REINFORCEMENT BAR TACKS AND JOINTED DOUBLE STITCHED SEAMS ENSURES **A LONG LIFESPAN**.



MULTIPURPOSE TECH SERIES



MULTIPURPOSE TECH SERIES

100%

SANFORIZED MASSAUA COTTON 3/1

280

G/M²



CUSTOMISED GARMENTS

RECOMMENDED FOR

- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- AGRICULTURE
- MAINTENANCE
- CLEANING

NEW FITTING

MC1215 TECH SHORT JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- Concealed six-button closure
- Chest pockets with flap and button
- Cuffs fastened with button

MC1214 TECH JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- Four buttons closure
- Two front pockets
- Chest pocket



MC1212 TECH BERMUDAS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- Fly with buttons
- Side pockets
- Back pocket with button closure
- Utility pocket with flap and Velcro



MC1211 TECH TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- Fly with buttons
- Side pockets
- Back pocket with button closure
- Utility pocket with flap and Velcro
- Jointed double stitched seams on the outer leg for increased strength



MC1217
TECH COVERALL
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- Shirt collar
- Two-way central zipper closure
- Front pockets
- Zippered chest pocket
- Back elasticated waistband



MC1213
TECH BIB-TROUSERS
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- Adjustable, elasticated shoulder straps, with quick-fastening buckles
- Bib pocket
- Side pockets
- Back pocket with button closure
- Rear bib and rear elasticated waistband



MC1218
TECH COAT
EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

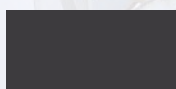
SIZES: 38-66

- Knee-length
- Four buttons closure
- Two front pockets
- Chest pocket
- Matching colour stitching

COLOURS AVAILABLE



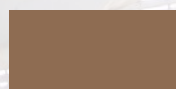
B4 MOUSEY GREY



C2 ANTHRACITE



E5 YELLOW



V7 KHAKI



B8 ASPHALT GREY



Q7 NAVY BLUE



K1 WHITE



Z9 BLACK



L5 RED



T4 DARK OLIVE GREEN



R6 GREEN



Q4 BLUE



B7 SLATE GREY



H5 ORANGE



M3 PLUM



S6 DARK GREEN



P8 ROYAL BLUE

SUMMER TECH

restyled

100%

GABARDINE COTTON 3/1

200

G/M²



CUSTOMISED GARMENTS

RECOMMENDED FOR

- FOOD PROCESSING
- CLEANING
- MAINTENANCE
- LOGISTICS
- TRANSPORT
- PLASTIC PROCESSING

INSERTS IN EMBOSSED ANTHRACITE FABRIC INCREASED RESISTANCE TO DIRT

THREE-DIMENSIONAL POCKETS GREATER CAPACITY AND EASE OF USE



ERGONOMIC CUT GREATER COMFORT



REFLEX INSERTS ON BACK INCREASED VISIBILITY

MC1315 SUMMER TECH SHORT JACKET

EN ISO 13688

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

COLOUR: various colours

SIZES: 38-66

- Concealed six-button closure
- Chest pockets with flap and Velcro
- Cuffs fastened with button
- Reflex inserts on the back
- Jointed double stitched seams
- Reinforcement bar tacks in contrasting colour

MC1311 SUMMER TECH TROUSERS

EN ISO 13688

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

COLOUR: various colours

SIZES: 38-66

- Fly with button and zipper closure
- Side pockets
- Two back pockets with Velcro fastening
- Utility pocket with flap and Velcro
- Reflex inserts on the back
- Double seams on the outer leg for increased strength
- Reinforcement bar tacks in contrasting colour





THE BREATHABILITY, LIGHTNESS AND COOLNESS GUARANTEED BY THE GABARDINE 200 G/M² MAKE **SUMMER TECH**, AS THE NAME IMPLIES, IDEAL FOR THE WARMEST MONTHS. CUSTOMISABLE WITH THE ACCESSORIES OF THE TECH RANGE, IT IS ABLE TO PERFECTLY MEET ALL WORKERS' NEEDS. THE SPECIAL ATTENTION TO FINISHES, SUCH AS THE REINFORCEMENT BAR TACKS AND JOINTED DOUBLE STITCHED SEAMS ENSURE RESISTANCE, STRENGTH AND LONG LIFESPAN.

MC1313
SUMMER TECH BIB-TROUSERS
EN ISO 13688

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

COLOUR: various colours

SIZES: 38-66

- Adjustable, elasticated shoulder straps, with quick-fastening buckles
- Wide bib pocket
- Side pockets
- Back pocket with flap and Velcro
- Rear bib and rear elasticated waistband
- Reflex inserts on the back
- Jointed double stitched seams and reinforcement bar tacks in contrasting colour



MC1312
SUMMER TECH BERMUDAS
EN ISO 13688

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

COLOUR: various colours

SIZES: 38-66

- Fly with button and zipper
- Side pockets
- Two back pockets with Velcro fastening
- Utility pocket with flap and Velcro
- Double stitching for increased strength
- Reinforcement bar tacks in contrasting colour

COLOURS AVAILABLE



A9 TURTLEDOVE



Z9 BLACK



M3 PLUM



R6 GREEN



P8 ROYAL BLUE



J5 ORANGE



K1 WHITE



E5 YELLOW



U7 BEIGE



S6 DARK GREEN



Q7 NAVY BLUE



B7 SLATE GREY



L5 RED



V7 KHAKI



Q5 DARK BLUE



Y8 ANTHRACITE/
BLACK

EVOLUTION

NEW
FITTING

MC1415 EVOLUTION SHORT JACKET

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²
COLOUR: various colours
SIZES: 38-66

- Concealed six-button closure
- Chest pockets with flap and buttons
- Cuffs with button
- Jointed double stitched seams
- Reinforcement bar tacks



65%
POLYESTER

35%
COTTON 3/1

240
G/M²



CUSTOMISED
GARMENTS

RECOMMENDED FOR

- FOOD PROCESSING
- CLEANING
- MAINTENANCE
- LOGISTICS
- TRANSPORT
- PLASTIC PROCESSING

MC1411 EVOLUTION TROUSERS

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²
COLOUR: various colours
SIZES: 38-66

- Fly with buttons
- Side pockets
- Back pocket with button closure
- Utility pocket with flap and Velcro
- Double stitching on the outer leg for increased strength
- Reinforcement bar tacks



MC1417 EVOLUTION COVERALL

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²
COLOUR: various colours
SIZES: 38-66

- Shirt collar
- Two-way central zipper closure
- Wide front pockets
- Zippered chest pocket
- Back elasticated waistband
- Jointed double stitched seams
- Reinforcement bar tacks



THE **EVOLUTION FABRIC** ENSURES HIGH MECHANICAL RESISTANCE, ITS BRIGHT COLOURS WITHSTAND FREQUENT WASHES AND IS AVAILABLE IN A WIDE RANGE OF COLOURS.



MC1414
EVOLUTION JACKET
EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- Four-buttons closure
- Two front pockets and one chest pocket
- Jointed double stitched seams
- Reinforcement bar tacks



MC1418
EVOLUTION COAT
EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- Knee-length
- Four buttons closure
- Two front pockets and one chest pocket
- Matching colour stitching
- Reinforcement bar tacks



MC1413
EVOLUTION BIB-TROUSERS
EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- Adjustable, elasticated shoulder straps, with quick-fastening buckles
- Wide bib pocket
- Side pockets
- Back pocket with button closure
- Rear bib
- Back elasticated waistband
- Jointed double stitched seams
- Reinforcement bar tacks

COLOURS AVAILABLE



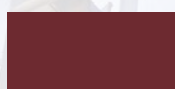
A5 PEARL



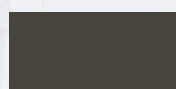
K1 WHITE



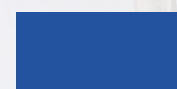
H5 ORANGE



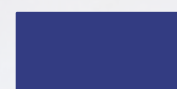
M3 PLUM



T4 DARK OLIVE GREEN



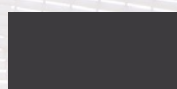
P4 TURQUOISE



P8 ROYAL BLUE



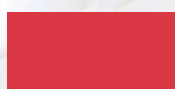
A9 TURTLEDOVE



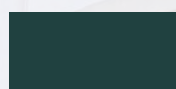
C2 ANTHRACITE



D5 OCHRE



L5 RED



S6 DARK GREEN



Q2 CORNFLOWER BLUE



Q7 NAVY BLUE



B4 MOUSEY GREY



Z9 BLACK



E5 YELLOW



V7 KHAKI



R6 GREEN

NEVADA PLUS





NEVADA PLUS restyled



CUSTOMISED
GARMENTS

RECOMMENDED FOR

- METALWORKING
INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- AGRICULTURE
- MAINTENANCE



MC6653

NEVADA PLUS SHORT JACKET

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- Concealed six-buttons closure
- Two chest pockets with flap and Velcro
- Two lower pockets
- Two-tone sleeves
- Reflex piping on chest
- Cuffs fastened with Velcro
- Jointed double stitched seams

MC6651

100% Gabardine cotton 3/1, 200 g/m²

MC6652

100% Sanforized Massaua cotton, 280 g/m

MC6654

Fustian 100% cotton, 350 g/m²

MC6613

NEVADA PLUS TROUSERS

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- Fly with zipper and button closure
- Back pocket with flap and Velcro
- Side welt pockets
- Double utility pocket with flap and Velcro
- Jointed double stitched seams

MC6611

100% Gabardine cotton 3/1, 200 g/m²

MC6612

100% Sanforized Massaua cotton, 280 g/m²

MC6614

Fustian 100% cotton, 350 g/m²



THE NEVADA RANGE IS AVAILABLE IN FOUR TYPES OF FABRIC:



SUMMER TECH		EVOLUTION		MASSAUA		FUSTIAN	
100% GABARDINE COTTON 3/1	200 G/M ²	65% POLYESTER	240 G/M ²	100% MASSAUA COTTON 3/1	280 G/M ²	100% COTTON	350 G/M ²
		35% COTTON					



MC6673 NEVADA PLUS COVERALL EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours **SIZES:** 38-66

- Shirt collar
- Two-way central zipper closure
- Two-tone sleeves
- Reflex piping on chest
- Two welt pockets
- Two chest pockets with flap and Velcro closure
- Back elasticated waistband
- Back pocket with flap and Velcro
- Jointed double stitched seams

MC6671 100% Gabardine cotton 3/1, 200 g/m²

MC6672 100% Sanforized Massaua cotton, 280 g/m²

MC6674 Fustian 100% cotton, 350 g/m²

MC6633 NEVADA PLUS BIB-TROUSERS EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours **SIZES:** 38-66

- Adjustable, elasticated shoulder straps with quick-fastening buckle
- Bib pocket with flap and Velcro fastening
- Side pockets
- Back pocket with flap and Velcro
- Utility pockets with flap and Velcro
- Rear bib and rear elasticated waistband
- Side openings with button
- Jointed double stitched seams

MC6631 100% Gabardine cotton 3/1, 200 g/m²

MC6632 100% Sanforized Massaua cotton, 280 g/m²

MC6634 Fustian 100% cotton, 350 g/m²

No picture:

MC6683 NEVADA PLUS COAT EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours **SIZES:** 38-66

- Concealed four-button closure
- Two lower pockets
- Chest pocket with pen holder, flap and Velcro
- Elasticated cuffs
- Fixed martingale
- Rear split
- Jointed double stitched seams

MC6681 100% Gabardine cotton 3/1, 200 g/m²

MC6682 100% Sanforized Massaua cotton, 280 g/m²

MC6684 Fustian 100% cotton, 350 g/m²

COLOURS AVAILABLE IN MASSAUA FABRIC

B4 MOUSEY GREY	C2 ANTHRACITE	E5 YELLOW	V7 KHAKI	B8 ASPHALT GREY	Q7 NAVY BLUE
K1 WHITE	Z9 BLACK	L5 RED	T4 DARK OLIVE GREEN	R6 GREEN	Q4 BLUE
B7 SLATE GREY	H5 ORANGE	M3 PLUM	S6 DARK GREEN	P8 ROYAL BLUE	

COLOURS AVAILABLE IN SUMMER TECH FABRIC
see page 31

COLOURS AVAILABLE IN EVOLUTION FABRIC
see page 33

COLOURS AVAILABLE IN FUSTIAN FABRIC
see page 41





FUSTIAN

THANKS TO ITS OUTSTANDING THERMAL PROPERTIES, THE **FUSTIAN RANGE** ASSURES COMFORT EVEN IN THE COLDEST MONTHS. THE NATURE OF THE FABRIC AND THE SPECIAL ATTENTION TO FINISHES, SUCH AS **THE REINFORCEMENT BAR TACKS** AND JOINED **DOUBLE STITCHED SEAMS** IN CONTRASTING COLOUR, ENSURE STRENGTH AND **LONG-LASTING USE**. THE WHOLE RANGE IS **CUSTOMISABLE** WITH A WIDE RANGE OF COLOURS AND VARIOUS TYPES OF REFLECTIVE BANDS TO INCREASE WORKERS' VISIBILITY.



FUSTIAN WINTER APPAREL

SANFORIZED

100%

FUSTIAN COTTON

350

G/M²

RECOMMENDED FOR

- OUTDOOR ACTIVITIES
- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
- MAINTENANCE
- BRICKWORKS AND CEMENT INDUSTRY
- AGRICULTURE
- LANDSCAPING AND GARDENING
- MARBLE CUTTERS

MC1615Q5 FUSTIAN SHORT JACKET

EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m²

COLOUR: blue

SIZES: 44-64

- Concealed six-button closure
- Chest pockets with flap and button
- Cuffs fastened with button
- Jointed double stitched seams

MC1611Q5 FUSTIAN TROUSERS

EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m²

COLOUR: blue

SIZES: 38-64

- Fly with button and zipper closure
- Two welt pockets
- Back pocket with button closure
- Elastic waistband
- Right ruler pocket
- Utility pocket with flap and Velcro on the left
- Jointed double stitched seams on inner and outer leg

NEW FITTING



MC1615B4 COLOUR: grey



MC1615S6 COLOUR: green



MC1611B4 COLOUR: grey



MC1611S6 COLOUR: green



NEW



01

02

REFLECTIVE BANDS CAN BE APPLIED ON ALL GARMENTS

01 GREY REFLECTIVE BAND HEIGHT 5 CM

PA170023 AROUND SLEEVES

PA170031 AROUND CHEST

PA170027 AROUND LEGS

02 TWO-TONE REFLECTIVE BAND HEIGHT 8.5 CM

PA170034 AROUND SLEEVES

PA170036 AROUND CHEST

PA170035 AROUND LEGS

The set in the photo can be certified EN ISO 20471 class 1

MC1621Q5 FUSTIAN TROUSERS EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m²

COLOUR: blue

SIZES: 38-62

- Double reflective band around leg
- Fly with button and zipper closure
- Two welt pockets
- Back pocket with button closure
- Elastic waistband
- Right ruler pocket
- Utility pocket with flap and Velcro on the left
- Jointed double stitched seams on inner and outer leg

COLOURS AVAILABLE



B4 MOUSEY GREY



K1 WHITE



Z9 BLACK



H5 ORANGE



M3 PLUM



L5 RED



V7 KHAKI



T4 DARK OLIVE GREEN



S6 DARK GREEN



R6 GREEN



W5 BROWN



P8 ROYAL BLUE



Q5 DARK BLUE



E5 YELLOW

MC1613B4 COLOUR: grey



MC1613S0 COLOUR: green



MC1613Q5 FUSTIAN BIB-TROUSERS EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m²

COLOUR: blue

SIZES: 44-64

- Adjustable, elasticated shoulder straps, with quick snap buckle
- Bib pocket
- Side pockets
- Right leg ruler pocket
- Back pocket with button closure
- Rear bib
- Back elasticated waistband
- Jointed double seams on inner and outer leg

No picture:

MC1630 FUSTIAN COAT EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m²

COLOUR: various colours

SIZES: 38-66

- Four-button closure
- Two pockets and one chest pocket

MC1614Q5 FUSTIAN JACKET EN ISO 13688

MATERIAL: Sanforized Fustian 100% cotton, 350 g/m²

COLOUR: blue

SIZES: 44-64

- Four-button closure
- Two pockets and one chest pocket



FUSION

THE MODERN DESIGN, THE **CONTRASTING COLOUR** OF THE YOKE AND INSERTS, **MANY MULTI-FUNCTIONAL AND THREE-DIMENSIONAL UTILITY POCKETS**, **THE DOUBLE JOINTED STITCHED SEAMS** WITH CONTRASTING COLOUR REINFORCEMENT BAR TACKS MAKE THE **FUSION** RANGE A CUTTING-EDGE WORKWEAR LINE. THE POSSIBILITY OF CHOOSING DIFFERENT FABRIC AND COLOURS MAKE IT A GARMENT WITH A STRONG PERSONALITY.



FUSION



CUSTOMISED
GARMENTS

RECOMMENDED FOR

- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- AGRICULTURE AND MAINTENANCE



HIGH WINDPROOF COLLAR
WITH FLAP FASTENED BY
ZIPPER AND SNAP
BUTTONS

SPACIOUS POCKETS
WITH SIDE BELLOWS

MC1752BD

FUSION SHORT JACKET

EN ISO 13688

MATERIAL: 100% Massaua cotton, 280 g/m²

COLOUR: slate grey/red

SIZES: 38-66

- Concealed central zipper closure with Velcro fastening
- High collar with concealed snap button closure
- Chest pockets with side bellows, with flap and Velcro fastening
- Muff pockets
- Cuffs fastened with snap buttons
- Piping on chest and shoulders
- Reinforcement bar tacks in contrasting colour
- Double seams

MC1712BD

FUSION TROUSERS

EN ISO 13688

MATERIAL: 100% Massaua cotton, 280 g/m²

COLOUR: slate grey/red

SIZES: 38-66

- Fly with zipper and tack button
- Two front pockets and coin pocket on the right
- Ruler pocket with tool holder on the right
- Back right pocket with flap and Velcro
- Back left pocket with Velcro fastening
- Multi-functional utility pocket with flap and Velcro, with pen holder and phone pocket
- Reinforcement bar tacks in contrasting colour



OVERSIZED LOOPS
TO DISTRIBUTE
THE LOAD ON THE WAIST
WHEN USING
TOOL BELTS

WEAR-AND-TEAR
REINFORCED
HANGING POCKETS





THE FUSION RANGE IS AVAILABLE IN FOUR TYPES OF FABRIC:

SUMMER TECH		EVOLUTION		MASSAUA		FUSTIAN	
100% GABARDINE COTTON 3/1	200 G/M ²	65% POLYESTER	240 G/M ²	100% MASSAUA COTTON 3/1	280 G/M ²	100% COTTON	350 G/M ²
		35% COTTON					

fabric codes

MODELS	SUMMER TECH	EVOLUTION	MASSAUA	FUSTIAN
SHORT JACKET	MC1751	MC1753	MC1752	MC1754
TROUSERS	MC1711	MC1713	MC1712	MC1714
BERMUDAS	MC1721	MC1723	MC1722	MC1724
BIB-TROUSERS	MC1731	MC1733	MC1732	MC1734

MC1752VA
COLOUR: khaki/black

MC1752QJ
COLOUR: navy blue/ grey

MC1752KD
COLOUR: white/anthracite

MC1752BC
COLOUR: slate grey/black

MC1752QK
COLOUR: navy blue/hi-vis orange



MC1712VA
COLOUR: khaki/black



MC1712QJ
COLOUR: navy blue/ grey



MC1712KD
COLOUR: white/anthracite



MC1712BC
COLOUR: slate grey/black



MC1712QK
COLOUR: navy blue/hi-vis orange

FUSION





MC1732BC
FUSION BIB-TROUSERS
EN ISO 13688

MATERIAL: 100% Massaua cotton, 280 g/m²
COLOUR: slate grey/black
SIZES: 38-66

- Adjustable shoulder straps with quick-fastening buckles
- Bib pocket with flap and Velcro
- Side pockets
- Three-dimensional rear pockets with flap and Velcro
- Multi-functional utility pocket with flap and Velcro, with pen holder and phone pocket
- Ruler pocket with tool holder on the right
- Side openings with two buttons
- Back elasticated waistband
- Jointed double stitched seams
- Reinforcement bar tacks in contrasting colour



MC1722BC
FUSION BERMUDAS
EN ISO 13688

MATERIAL: 100% Massaua cotton, 280 g/m²
COLOUR: slate grey/black
SIZES: 38-66

- Fly with zipper and tack button
- Two front pockets and coin pocket on the right
- Ruler pocket with tool holder on the right
- Back right pocket with flap and Velcro
- Back left pocket with Velcro fastening
- Multi-functional utility pocket with flap and Velcro, with pen holder and phone pocket
- Reinforcement bar tacks in contrasting colour

**COLOURS AVAILABLE
IN SUMMER TECH FABRIC**
see page 31

**COLOURS AVAILABLE
IN EVOLUTION FABRIC**
see page 33

**COLOURS AVAILABLE
IN FUSTIAN FABRIC**
see page 41

COLOURS AVAILABLE IN MASSAUUA FABRIC



B4 MOUSEY GREY



C2 ANTHRACITE



E5 YELLOW



V7 KHAKI



B8 ASPHALT GREY



Q7 NAVY BLUE



K1 WHITE



Z9 BLACK



L5 RED



T4 DARK OLIVE GREEN



R6 GREEN



Q4 BLUE



B7 SLATE GREY



H5 ORANGE



M3 PLUM



S6 DARK GREEN



P8 ROYAL BLUE

HARRISON

65%

POLYESTER

35%

COTTON

300

G/M²

RECOMMENDED FOR

- CONSTRUCTION
- ASSEMBLY PROCESSES
- INSTALLATIONS
- TRANSPORT
- LOGISTICS
- MAINTENANCE



THE **HARRISON SERIES** FEATURES A **WIDE SET OF ACCESSORIES** SUCH AS TECHNICAL MULTI-FUNCTIONAL UTILITY POCKETS, PHONE POCKET, PEN HOLDER, TOOL HOLDER LOOPS AND WEAR-AND-TEAR REINFORCEMENTS IN OXFORD FABRIC ON KNEES AND HEEL PAD.

THE TROUSERS INCLUDE THE POSSIBILITY OF HOUSING THE KNEE PADS IN THE SPECIFIC POCKET. THE HIGH RESISTANCE **DOUBLE JOINTED STITCHED SEAMS** AND THE **REINFORCEMENT BAR TACKS** WITH CONTRASTING COLOUR **ENSURE DURABILITY AND HIGH QUALITY.**



NEW FITTING

EXPANDABLE MULTI-FUNCTIONAL POCKETS

PREFORMED SLEEVES

ADJUSTABLE CUFFS

BACK POCKETS WITH SIDE BELLOWS
GREATER CAPACITY

EXPANDABLE RULER POCKET
IN WEAR-RESISTANT MATERIAL

WEAR RESISTANT REINFORCED HEEL PAD



restyled



MC1814C3 HARRISON JACKET
EN ISO 13688

MATERIAL: 65% polyester, 35% cotton, weight 300 g/m², Broken Twill 2/2

COLOUR: anthracite

SIZES: 44-62

- High tenacity zipper closure
- Muff pockets
- Multi-functional chest pocket on the right with pen holder and phone pocket with Velcro fastening
- D-rings under the chest pockets
- Cuffs fastened with snap buttons
- Jointed double stitched seams
- Red details

MC1814V7 COLOUR: khaki

MC1814P7 COLOUR: air force blue

MC1811C3 HARRISON TROUSERS
EN ISO 13688 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: 65% polyester, 35% cotton, weight 300 g/m², Broken Twill 2/2

COLOUR: anthracite

SIZES: 42-62

- Fly with zipper and button
- Two front pockets
- Double ruler pocket on the right
- Multi-functional utility pocket with pen holder on the left
- Two rear pockets in wear-and-tear fabric with flap and snap button
- Knee pad pockets
- Jointed double stitched seams
- Red details

MC1811V7 COLOUR: khaki **SIZES:** 44-62

MC1811P7 COLOUR: air force blue **SIZES:** 44-62





HARRISON



MC1813C3
HARRISON BIB-TROUSERS
EN ISO 13688 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: 65% polyester, 35% cotton, weight 300 g/m², Broken Twill 2/2
COLOUR: anthracite
SIZES: 44-62

- Fly with zipper
- Two front pockets
- Bib pocket with flap and snap buttons
- Elastic waistband and side buttons
- Adjustable elasticated shoulder straps
- Two rear pockets in wear-and-tear fabric with flap and snap button
- Multi-functional pockets on both sides
- Oversized loops and tool holder ring
- Knee pad pockets
- Red details

MC1813P7 COLOUR: air force blue
MC1813V7 COLOUR: khaki

MC4911
KGUARD KNEE PAD
EN 14404

MATERIAL: Lightweight EVA foam
COLOUR: black
SIZES: one size fits all

- Variable thickness, tortoise shell design
- Ergonomic shape
- Multi-groove pattern
- Dimensions 23x17.5 cm



GEMINI



unmatched freedom of movement

STRETCH



MULTI-FUNCTIONAL
POCKETS

POCKET WITH FLAP
AND PHONE POCKET

ADJUSTABLE
CUFFS

ERGONOMIC KNEE
PAD POCKETS WITH
EXPANDABLE BELLOWS
AND REINFORCEMENT
OUTER FABRIC

CENTRAL CLOSURE WITH
HIGH TENACITY ZIPPER
AND WINDPROOF VELCRO
FASTENING

BI-STRETCH
INSERTS

POCKETS IN CANVAS
FABRIC

REFLEX INSERTS

REINFORCED
HEEL PAD

THE **GEMINI SERIES** IS MADE IN 260 G/M² STRETCH CANVAS FABRIC WITH INSERTS IN BI-STRETCH FABRIC 93% POLYESTER, 7% ELASTANE, REINFORCEMENTS IN 500D HIGHLY ABRASION RESISTANT POLYESTER OXFORD ON KNEES AND HEEL PAD.

THE RANGE IS SUPPLIED WITH A **COMPREHENSIVE SET OF MULTI-FUNCTIONAL UTILITY POCKETS AND HANGING POCKETS** TO ALWAYS HAVE EVERY TOOL AT YOUR FINGERTIPS.

GEMINI

60%

COTTON

38%

POLYESTER

2%

ELASTANE

260

G/M²

RECOMMENDED FOR

- CONSTRUCTION
- INSTALLATIONS
- ASSEMBLY PROCESSES
- TRANSPORT
- LOGISTICS
- CHEMICAL INDUSTRY



STRETCH

MC2013B6 GEMINI JACKET EN ISO 13688

MATERIAL: Stretch Canvas 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch inserts 93% polyester, 7% elastane

COLOUR: grey

SIZES: S-3XL

- High tenacity zipper closure
- Anti-tangle inner windproof flap
- Adjustable cuffs with Velcro
- Multi-functional pockets
- Concealed badge holder
- Reflective inserts on chest and sleeves
- Adjustable Velcro straps on the sides
- Black dirt-repellent insert on the forearm
- Bi-stretch fabric on the back

MC2013Z9 COLOUR: black

MC2011B6 GEMINI TROUSERS EN ISO 13688 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Stretch Canvas 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch inserts 93% polyester, 7% elastane, 500D Polyester Oxford reinforcements

COLOUR: grey

SIZES: S-3XL

- Fly with button and zipper
- Front three-dimensional pockets
- Back pockets
- Tool holder loops
- Concealed badge holder
- Knee pad pockets
- Reinforced heel pad and knee area with wear-and-tear fabric
- Rear part in bi-stretch fabric
- Double seams

MC2011Z9 COLOUR: black



350

G/M²



MC2512X6 FIGHTER SWEATSHIRT

MATERIAL: 100% polyester, 350 g/m² and Softshell inserts

COLOUR: melange camouflage

SIZES: S-3XL

- Central zipper closure with windproof and anti-tangle inner flap
- Zippered chest pocket in Softshell fabric
- Two side pockets with anti-tangle zipper closure
- Fleece-lined collar
- Reflex inserts
- Internal drawstring at the bottom hem
- Inserts in Softshell fabric on yoke, elbows and sides
- Preformed sleeves for greater freedom of movement

MC2512BM COLOUR: melange grey

MC2512HM COLOUR: melange orange

MC2512EM COLOUR: melange fluo yellow



NEW

STRETCH RIPSTOP



MC2011X6 GEMINI CAMO TROUSERS

EN ISO 13688

EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Stretch Ripstop 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch 93% polyester, 7% elastane inserts, 500D Polyester Oxford reinforcements

COLOUR: camouflage

SIZES: S-3XL

- Fly with snap button and zipper
- Back pockets with Velcro fastening
- Multi-functional utility pocket and small pocket with zippered closure
- Concealed badge holder
- Tool holder loops
- Ruler pocket with wear-and-tear fabric reinforcement
- Expandable knee pad pockets
- Reinforced heel pad and knee area with wear-and-tear fabric
- Double seams



MC2012B6 GEMINI CAPRI TROUSERS

EN ISO 13688

MATERIAL: Stretch Canvas 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch 93% polyester, 7% elastane inserts, 500D Polyester Oxford reinforcements

COLOUR: grey

SIZES: S-3XL

- Calf-length
- Fly with zipper and button
- Reinforced side pockets
- Multi-functional front holster pockets
- Back pockets
- Ruler pocket with cutter holder and adjustable hammer loop on the right side
- Adjustable tool holder loops with snap buttons on the sides
- Utility pocket on the left with phone holder closed with flap and Velcro
- Concealed badge holder
- Expandable knee pad pockets
- Double seams and wear-and-tear inserts on knees



AD 3

4
2
3M
8

SUN SAFETY
HAND WEAR

SUN SAFETY
HAND WEAR



SIR SAFETY HARD WEAR

HEAVY

HEAVY-DUTY COLLECTION INSPIRED BY PROFESSIONALS WHO NEED SOPHISTICATED GARMENTS FEATURING TOUGH DESIGN FOR ROUGH WORK, WITHOUT SACRIFICING FUNCTIONALITY, CONTEMPORARY LOOK AND COMFORT. THE **HEAVY COLLECTION** IS AVAILABLE IN DIFFERENT FABRICS, ALLOWING YOU TO CHOOSE THE RIGHT LEVEL OF PERFORMANCE TO SUIT YOUR NEEDS. **DENIM** FOR A MODERN AND TRENDY MOOD, **NYCO** TO FACE THE EVERYDAY CHALLENGES STRAIGHT ON YOU. NO MATTER WHICH ONE YOU ARE GOING TO CHOOSE, THE HEAVY SERIES WILL BE EXCEEDING YOUR EXPECTATIONS IN TERMS OF AESTHETICS, ATTENTION TO DETAILS, WEAR-AND-TEAR RESISTANCE AND COMFORT.

CORDURA[®]



INDUSTRIAL
WASHABLE
EN ISO 15797

HEAVY DENIM



CORDURA® NYCO

ZIP-OFF HOLSTER POCKETS

100% CORDURA® REINFORCEMENTS

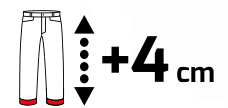
ADJUSTABLE KNEE PAD POCKETS

AIRBELT®

TRIPLE STITCHING

BI-STRETCH INSERTS

EXTENDABLE LENGTH



CORDURA
denim

85%
COTTON

15%
NYLON

375
G/M²

MC2551Q8
HEAVY DENIM TROUSERS
EN ISO 13688
EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m²
COLOUR: blue denim
SIZES: XS-4XL

- Preformed legs with bi-stretch inserts
- Zip-off holster pockets
- Two multi-functional utility pockets
- Phone pocket, ruler pocket
- Two back pockets with flap and Velcro
- Cordura® reinforced knee pad pockets
- Crotch bellow openable with zipper for increased ventilation
- Leg length extendable by 4 cm
- Reflex inserts
- Triple stitched seams

MC2531Q8
HEAVY DENIM CAPRI TROUSERS
EN ISO 13688
EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m²
COLOUR: blue denim
SIZES: XS-4XL

- Zip-off holster pockets
- Multi-functional utility pockets
- Phone pocket
- Ruler pocket
- Two back pockets reinforced with Cordura®
- Back-knee inserts in bi-stretch fabric
- Cordura® reinforced knee pad pockets
- Concealed badge holder





MC2574Q8 HEAVY DENIM JACKET

EN ISO 13688

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m²

COLOUR: blue denim

SIZES: XS-4XL

- Two large three-dimensional chest pockets with flap and Velcro
- Two hidden vertical zippered pockets
- Two wide side pockets with Cordura® trims
- Inner pocket
- Cordura® wear-and-tear reinforcements at the elbows
- Cuffs adjustable with Velcro
- Concealed badge holder
- Reflex inserts
- Triple stitched seams



MC2516Q8 HEAVY DENIM WAISTCOAT

EN ISO 13688

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m²; reinforcements and inserts in 65% polyester, 35% cotton, back in Mesh fabric

COLOUR: blue denim

SIZES: XS-4XL

- Concealed front zipper closure with Velcro fastening
- Belt with automatic buckle
- Reflex inserts on shoulders and back
- Stretch mesh fabric on the inner back side
- Chest pockets with Velcro
- Phone and glasses pocket with shockproof fabric protection
- Easy-to-access reinforced back holster pockets
- Reinforced front holster pockets
- Tool holder rings on both sides
- Tool loops with Velcro closure
- Concealed, removable badge holder

MC4911 KGUARD KNEE PAD

EN 14404

MATERIAL: Lightweight EVA foam

COLOUR: black

SIZES: one size fits all

- Variable thickness, tortoise shell design
- Ergonomic shape
- Multi-groove pattern
- Dimensions 23x17.5 cm





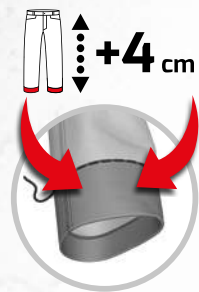
01

HEAVY CANVAS



02

EXTENDABLE LENGTH



MC2521C4 HEAVY CANVAS TROUSERS

EN ISO 13688
EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: 75% cotton, 25% Nylon
Cordura®, Canvas 2/2 NYCO, weight
320 g/m²

COLOUR: grey

SIZES: XS-4XL

- Preformed legs with bi-stretch inserts
- Zip-off holster pockets
- Two multi-functional utility pockets
- Phone pocket
- Ruler pocket
- Two back pockets with flap and Velcro
- Cordura® reinforced knee pad pockets
- Leg length extendable by 4 cm
- Reflex inserts
- Triple stitched seams

MC2521P6

COLOUR: petroleum blue

MC2521L9

COLOUR: red



01 REINFORCED RULER POCKET
IN CORDURA®, DETACHED
AT THE BOTTOM TO SWING OUT
WHEN KNEELING.
HOLSTER POCKET
AND BAR-TACKED TOOL
LOOPS.

02 SPACIOUS POCKETS
CORDURA® REINFORCED,
WITH VELCRO TAB.



CORDURA
NYCO

75%
COTTON

25%
NYLON

320
G/M²



TRIPLE STITCHING

CORDURA® NYCO

REFLEX INSERTS

ERGOFIT®

100% CORDURA® REINFORCEMENTS



MC2524C4
HEAVY CANVAS JACKET
EN ISO 13688

MATERIAL: 75% cotton, 25% Nylon Cordura®, Canvas 2/2 NYCO, weight 320 g/m²
COLOUR: grey
SIZES: XS-4XL

- Two large three-dimensional chest pockets with flap and Velcro
- Two hidden vertical zippered pockets
- Two wide side pockets with Cordura® trims
- Inner pocket
- Cordura® wear-and-tear reinforcements at the elbows
- Cuffs adjustable with Velcro
- Concealed badge holder
- Triple stitched seams
- Reflex inserts

MC2524P6
COLOUR: petroleum blue

MC2524L9
COLOUR: red







SIR SAFETY HARD WEAR

INDUSTRIAL

NO MATTER WHAT WORKDAY THROWS AT YOU, THE **INDUSTRIAL COLLECTION** WILL NOT LET YOU DOWN. COMBINING **ADVANCED FUNCTIONALITY** AND REGULAR FIT, THIS RANGE OF WORKWEAR GIVES YOU WHATEVER YOU NEED TO GET THROUGH YOUR WORKDAY SAFE, COMFY AND WELL-PLACED. SOFT, BREATHABLE, DURABLE, QUICK-DRYING **RIPSTOP FABRIC**, COMBINED WITH **CORDURA®** REINFORCEMENTS, MAKES THIS SERIES SUITABLE FOR BOTH OUTDOOR AND INDOOR ACTIVITIES.

CORDURA®



INDUSTRIAL
WASHABLE
EN ISO 15797

INDUSTRIAL

RIBBET SLEEVE GUSSET

100% CORDURA® REINFORCEMENTS

TRIPLE STITCHING

ERGOFIT®

REFLEX INSERTS



65%
POLYESTER
35%
COTTON

310
G/M²



CORDURA®

MC2534Q3 INDUSTRIAL JACKET

EN ISO 13688

MATERIAL: Ripstop 65% polyester and 35% cotton, weight 310 g/m²

COLOUR: blue

SIZES: XS-4XL

- Dirt-repellent central metal zipper
- Two pockets with flap and Velcro
- Vertical pen pocket
- Two wide side pockets with Cordura® reinforcements
- Two wide inner pockets
- Adjustable waist with side snap button
- Ribbed knit inner cuffs and collar
- Concealed badge holder
- Cordura® reinforcements at the elbows
- Reflex inserts
- Triple stitched seams

MC2534B6

COLOUR: grey

MC2534K1

COLOUR: white

MC4911 KGUARD KNEE PAD

EN 14404

MATERIAL: Lightweight EVA foam

COLOUR: black

SIZES: one size fits all

- Variable thickness, tortoise shell design
- Ergonomic shape
- Multi-groove pattern
- Dimensions 23x17.5 cm





MC2541Q3
INDUSTRIAL TROUSERS
 EN ISO 13688
 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Ripstop 65% polyester and 35% cotton, weight 310 g/m²
COLOUR: blue
SIZES: XS-4XL

- Fly with zipper and metal button
- Two front pockets, one of which with integrated zippered coin pocket
- Two multi-functional utility pockets, one of which is three-dimensional, fastened with flap and Velcro and featuring a concealed badge holder
- Cordura® reinforced knee pad pockets
- Reflex inserts
- Leg length extendable by 4 cm
- Triple stitched seams

MC2541B6 COLOUR: grey
MC2541K1 COLOUR: white

MC2513Q3
INDUSTRIAL BIB-TROUSERS
 EN ISO 13688
 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Ripstop 65% polyester and 35% cotton, weight 310 g/m²
COLOUR: blue
SIZES: XS-4XL

- Fly with zipper
- Bib pocket with flap and Velcro fastening
- Elastic shoulder straps with quick-fastening buckles and rear bib
- Two front pockets
- Two multi-functional utility pockets, one of which with concealed badge holder
- Two back pockets with flap and Velcro
- Knee pad pockets
- Leg length extendable by 4 cm
- Reflex inserts
- Triple stitched seams

MC2513B6 COLOUR: grey



01



02

- 01** RIBBET SLEEVE GUSSET IN THE UPPER ARMHOLE, EXTREMELY COMFORTABLE
- 02** EASY-TO-ACCESS MULTI-FUNCTIONAL UTILITY POCKET WITH MOBILE PHONE AND PEN COMPARTMENTS

A full-page photograph of a man standing against a dark, metallic wall. He is wearing a bright red hard hat, a plain white t-shirt, and dark navy blue cargo pants with multiple pockets. He is also wearing black safety boots with green accents. He has a beard and is looking directly at the camera with a serious expression. His right hand is resting on his forehead, and his left hand is in his pocket. The background is a wall of dark metal panels with visible rivets.

URBAN STRETCH

THIS RANGE OF TROUSERS FEATURES A DYNAMIC STYLE AND VERY FASHIONABLE LOOK, WITH MULTI-FUNCTIONAL UTILITY POCKETS AND MANY DETAILS. MADE IN **COTTON** AND **SPANDEX**, THEY ASSURE GREAT SOFTNESS AND THE BEST STRETCH FOR THE MAXIMUM COMFORT.



STRETCH

98%
COTTON TWILL

2%
SPANDEX

260
G/M²

RECOMMENDED FOR

- CONSTRUCTION
- SERVICE COMPANIES
- ENGINEERING FIRMS
- LOGISTICS
- INSTALLATIONS
- MAINTENANCE



MC2220Q7 STRETCH TROUSERS

MATERIAL: 98% cotton Twill, 2% spandex, 260 g/m², stretch effect

COLOUR: blue

SIZES: S-3XL

- Fly with zipper and button
- Front pockets with reinforcement trim
- Coin pocket on the right
- Back pockets with flap and buttons
- Pen holder pocket on left leg with snap button
- Two side three-dimensional pockets with snap button closure
- Inserts in contrasting colour

MC2220B0 COLOUR: grey



URBAN

THE **URBAN RANGE** CONSISTS OF A SERIES OF VERY DYNAMIC, PRACTICAL, LIGHT AND COMFORTABLE TROUSERS, FEATURING MANY MULTI-FUNCTIONAL UTILITY POCKETS AND DOUBLE CONTRASTING STITCHING. THE **REPORTER RANGE** IS COMPLETED BY THE MATCHING WAISTCOATS.



MC2211P0 URBAN CARGO TROUSERS EN ISO 13688

MATERIAL: Canvas 100% cotton with soft finish, 260 g/m²

COLOUR: blue

SIZES: XS-3XL

- Fly with button and zipper
- Side welt pockets
- Back pockets and side utility pockets with flap and snap buttons
- Piped coin pocket
- Wallet pocket with flap and snap buttons on the right calf
- Italian flag on the left pocket flap
- Double seams in contrasting colour

MC2211X5 URBAN JUNGLA TROUSERS EN ISO 13688

MATERIAL: 100% cotton Twill with soft finish, 260 g/m²

COLOUR: camouflage

SIZES: S-2XL

- Fly with button and zipper
- Side welt pockets
- Piped coin pocket
- Back pockets and side utility pockets fastened with flap and snap buttons
- Wallet pocket with flap and snap buttons on the right calf

MC2212Q5
REPORTER WAISTCOAT

MATERIAL: 65% polyester, 35% cotton, 230 g/m²

COLOUR: blue

SIZES: S-3XL

- Zipper closure and button reinforcement
- Adjustable waist with Velcro
- Two zippered vertical pockets
- Lower pockets and chest pocket with flap and Velcro fastening
- Zippered three-dimensional chest pocket and second pocket with flap
- Mesh pockets
- Wide three-dimensional back pocket with zipper
- Strap with D-ring on the shoulders

MC2212U7 COLOUR: sand

MC2213Q5
REPORTER TROUSERS

MATERIAL: 65% polyester, 35% cotton, 230 g/m²

COLOUR: blue

SIZES: S-3XL

- Fly with zipper and button
- Two front pockets with flap and buttons
- Two utility pockets on the sides
- Two back pockets with flap and button
- Zipper below knees to turn them into bermudas

MC2213U7 COLOUR: sand



MC2211X4
CARGO JEANS TROUSERS

MATERIAL: Denim 100% cotton, 400 g/m²

COLOUR: denim

SIZES: 40-62

- Fly with zipper and tack button
- Front welt pockets
- Back pockets
- Left utility pocket with flap and snap buttons
- Phone pocket with flap and snap button
- Right ruler pocket
- Tool holder loop
- Zippered phone pocket on right side
- Oversized loops



MC2219X4
URBAN JEANS

MATERIAL: Denim 350 g/m², 98% cotton and 2% spandex with stretch effect

COLOUR: blue

SIZES: 44-62

- Fly with zipper and tack button
- Two front pockets with integrated coin pockets, one of which is featuring a zipper closure
- Two back pockets with reinforcements rivets on the bar tacks
- Right front and back pocket with eco-leather profile
- Triple seams in contrasting colour



PROFESSIONAL CLOTHING

MC2630
CLOTH 20/24 LADIES' COAT
EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²
COLOUR: various colours
SIZES: 38-62

- Women's cut
- Five-buttons closure
- Two lower pockets
- Chest pocket
- Cuffs fastened with buttons

MC2618
LADIES' COAT
EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

No picture:
MC2629
CLOTH 20/24 MEN'S COAT
EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²
COLOUR: various colours
SIZES: 44-62

- Men's model
- Four-buttons closure
- Two lower pockets
- Chest pocket

No picture:
MC2617
TERITAL MEN'S COAT
EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

MC2620N8
CLOTH 20/24 VALERIA LADIES' COAT
EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²
COLOUR: cornflower blue
SIZES: 38-56

- Women's cut
- Five-buttons closure
- Two lower pockets
- Chest pocket
- Cuffs fastened with buttons

MC2620
CLOTH 20/24 VALERIA LADIES' COAT
EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²
COLOUR: various colours
SIZES: 38-62



MC2621
TERITAL VALERIA LADIES' COAT
EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²
COLOUR: various colours
SIZES: 38-62

COLOURS AVAILABLE



A5 PEARL



K1 WHITE



H5 ORANGE



E5 YELLOW



L5 RED



S6 DARK GREEN



A9 TURTLEDOVE



Z9 BLACK



D5 OCHRE



M3 PLUM



V3 TAN



R6 GREEN



RECOMMENDED FOR

- FOOD PROCESSING
- CLEANING COMPANIES
- MEDICAL ASSISTANCE
- PHARMACEUTICAL INDUSTRY
- CHEMICAL AND TESTING LABORATORIES
- HEALTHCARE

AVAILABLE IN TWO TYPES OF FABRIC:

CLOTH 20/24		TERITAL COTTON	
100% SANFOR COTTON	120 G/M ²	65% POLYESTER	150 G/M ²
		35% SANFOR COTTON	

MC2648Q7

TERITAL/COTTON MEN'S COAT

EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: navy blue

SIZES: 44-62

- Concealed four-snap buttons closure
- Two side pockets
- Chest pocket with pen holder
- Rear slit
- Elasticated cuffs

MC2649Q7

LADIES' TERITAL/COTTON COAT

EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: navy blue

SIZES: 38-56

- Concealed five-snap buttons closure
- Two side pockets
- Chest pocket with pen holder
- Rear slit
- Elasticated cuffs

MC2631N8

CLOTH 20/24 SANDRINA LADIES' COAT

EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²

COLOUR: cornflower blue

SIZES: 38-56

- Chinese collar
- Six-button closure
- Two lower pockets
- Chest pocket
- Fabric belt

MC2631

CLOTH 20/24 SANDRINA LADIES' COAT

EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²

COLOUR: various colours

SIZES: 38-62

MC2632

SANDRINA LADIES' COAT

EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: various colours

SIZES: 38-62



R4 AQUAMARINE



N6 TURQUOISE



N8 CORNFLOWER BLUE



P8 ROYAL BLUE



N5 LILAC



N4 FUCHSIA



Y2 STRIPED WHITE/NAVY BLUE



P2 CYAN



N4 LIGHT BLUE



P5 BLUE



Q7 NAVY BLUE



Y3 THIN WHITE/PINK STRIPES



Y4 STRIPED WHITE/LIGHT BLUE



Y6 STRIPED WHITE/CORNFLOWER BLUE



Y7 THIN WHITE/LIGHT BLUE STRIPES

PROFESSIONAL CLOTHING



MC2650K1
EXPO COOK JACKET

MATERIAL: 100% cotton, 185 g/m²

COLOUR: white

SIZES: S-3XL

- Chinese collar
- Chest pocket
- Turn-up sleeves
- Double breasted closure with matching colour buttons
- Pen holder pocket on left shoulder



MC2644Y1
RICH STRIPED TROUSERS

MATERIAL: 65% polyester and 35% cotton, 190 g/m²

COLOUR: black and white stripes

SIZES: S-3XL

- Elasticated waistband
- Drawstring around waist
- Fly with button and zipper
- Back pocket



MC2645Z9
BAR APRON

MATERIAL: 65% polyester and 35% cotton, 190 g/m²

COLOUR: black

SIZES: one size fits all

- Closure by fabric string
- Wide central pocket with three compartments



MC2643Y1
ALEX STRIPED APRON

MATERIAL: 100% polyester, 150 g/m²

COLOUR: striped white/black

SIZES: one size fits all

- Closure with fabric string
- Chest pocket
- Two side pockets
- Adjustable collar width with button
- Dimensions 85x90 cm



MC2633
FOX APRON

MATERIAL: Terital/cotton, 65% polyester and 35% cotton, 150 g/m²

COLOUR: various colours

SIZES: one size fits all

- Closure with fabric string
- Adjustable collar width with snap buttons
- Side pocket
- Dimensions cm 69x92



MC2634Y4 ROBERTA COAT EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: striped white/light blue

SIZES: 38-56

- Four-snap buttons closure
- Side slits
- Two lower pockets
- Chest pocket with flap and snap button
- Sleeves' and pockets' profile in contrasting colour
- Shaped model
- Hip length

MC2634 COLOUR: various colours



MC2636Y6 FABIANA COAT EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: striped white/cornflower blue

SIZES: 38-56

- Short-cut model with open chinese collar
- Shaped sides
- Side slits
- Two lower pockets
- Two chest pockets, one of which with pen holder
- Closure with white lacquered snap buttons
- Contrasting colour trims
- Comfortable fit

MC2636 COLOUR: various colours

MC2637 ALESSANDRA COAT EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: various colours

SIZES: 38-56

- Short sleeved model
- Lapel collar
- Closure with white lacquered snap buttons
- Two side pockets
- Rear slit
- Collar, shoulder and sides in contrasting colour
- Hip length

MC2638 MICHELA COAT EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: various colours

SIZES: 38-56

- Lapel collar
- Closure with white lacquered snap buttons
- Side slits
- Details on collar, sleeve's hem and pockets in contrasting colour
- Hip length

HOSPITAL CLOTHING



RECOMMENDED FOR

- HOSPITALS
- HEALTHCARE
- MEDICAL AND CHEMICAL LABORATORIES

MC2760N8 NICOLETTA COAT

EN ISO 13688

MATERIAL: 100% Sanforized Gabardine cotton 3/1, 190 g/m²
COLOUR: cornflower blue
SIZES: 42-62

- Closure with white lacquered snap buttons
- Rounded collar
- Two lower pockets
- Chest pocket with pen holder
- White trim on sleeves, pockets and collar

MC2761R7 CARDIO COAT

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Sanfor cotton cloth 16/24, 190 g/m²
COLOUR: green
SIZES: one size fits all

- 12 cm knitted cuffs
- Rear closure with strings
- Long raglan sleeves



AVAILABLE IN TWO TYPES OF FABRIC:

CLOTH 16/24

100%
COTTON

190
G/M²

GABARDINE

100%
COTTON

190 | **210**
G/M² | G/M²



MC2710R7
CARDIO GOWN

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Sanfor cotton cloth 16/24, 190 g/m²

COLOUR: green

SIZES: S-3XL

- V-neck
- Two side pockets
- Chest pocket with rounded corners
- Side slits
- Comfortable fit

MC2711R7
CARDIO TROUSERS

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Sanfor cotton cloth 16/24, 190 g/m²

COLOUR: green

SIZES: S-3XL

- Unisex trousers
- Back pocket
- Elasticated waistband



MC2720K1
NURSE GOWN

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Gabardine cotton, double twisted Sanfor, 210 g/m²

COLOUR: white

SIZES: 38-62

- V-neck
- Two side pockets
- Chest pocket with rounded corners
- Side slits
- Comfortable fit

MC2731K1
NURSE TROUSERS

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Gabardine cotton, double twisted Sanfor, 210 g/m²

COLOUR: white

SIZES: XS-3XL

- Unisex trousers
- Front pockets
- Back pocket
- Elasticated waistband



MC2740K1
NURSE COAT

EN ISO 13688

MATERIAL: 100% Gabardine cotton, 200 g/m²

COLOUR: white

SIZES: 38-62

- Concealed snap buttons closure
- Rear martingale
- Two lower pockets
- Chest pocket
- Elasticated cuffs



MC2730K1
OPEN NURSE GOWN

MATERIAL: 100% Gabardine cotton, 200 g/m²

COLOUR: white

SIZES: 40-62

- Open model
- Concealed snap buttons closure
- Two front pockets
- Chest pocket with coloured insert

SHIRTS

RECOMMENDED FOR

- METALWORKING INDUSTRY
- CONSTRUCTION
- AGRICULTURE
- WOOD PROCESSING
- FORESTRY
- TRANSPORT



MC2820
CLOTH 20/24 SHORT-SLEEVED SHIRT
EN ISO 13688

MATERIAL: 100% Gabardine cotton, 120 g/m²

COLOUR: various colours

SIZES: 38-46

- Chest pocket with flap and button

MC2818
TERITAL/COTTON SHIRT
EN ISO 13688

Terital/Cotton 65% polyester and 35% Sanforized cotton, 150 g/m²

AVAILABLE COLOURS
see page 70

MC2821
CLOTH 20/24 LONG-SLEEVED SHIRT
EN ISO 13688

MATERIAL: 100% cotton, 120 g/m²

COLOUR: various colours

SIZES: 38-46

- With cuffs
- Chest pocket with flap and button

MC2819
TERITAL/COTTON SHIRT
EN ISO 13688

Terital/Cotton 65% polyester and 35% Sanforized cotton, 150 g/m²

AVAILABLE COLOURS
see page 70

MC2811N7
OXFORD SHIRT
EN ISO 13688

MATERIAL: 100% Oxford cotton, 130 g/m²

COLOUR: light blue

SIZES: 38-46

- Long sleeved shirt with buttons
- Button-down collar
- Chest pockets with flap and button
- Cuffs fastened with button

AVAILABLE IN THREE TYPES OF FABRIC:



CLOTH 20/24		TERITAL/COTTON		COTTON	
100% COTTON	120 G/M ²	65% POLYESTER	150 G/M ²	100% COTTON	130 G/M ²
		35% COTTON			



MC2814U5
BUSINESS SHIRT

MATERIAL: 65% polyester, 35% cotton, 110 g/m²
COLOUR: sand
SIZES: S-2XL

MC2814S0
COLOUR: green

MC2814H0
COLOUR: orange



MC2814L3
BUSINESS SHIRT

MATERIAL: 100% cotton, 130 g/m²
COLOUR: pink
SIZES: S-2XL

MC2814N0
COLOUR: light blue

MC2814Z9
COLOUR: black

MC2812N7
OXFORD SHIRT
EN ISO 13688

MATERIAL: 100% Oxford cotton, 130 g/m²
COLOUR: light blue
SIZES: 38-46

- Short sleeved shirt
- Button-down collar
- Chest pockets with flap and button

MC2815K1
BUSINESS SHIRT

MATERIAL: 80% cotton and 20% polyester, 120 g/m²
COLOUR: white
SIZES: 38-46

- Button-down collar
- Two-button cuffs
- Chest pocket

MC2815Q4 COLOUR: blue



SHIRTS

AVAILABLE IN TWO TYPES OF FABRIC:

DENIM	
100% COTTON	195 G/M ²
FLANNEL COTTON	
100% COTTON	130 G/M ²
	145 G/M ²

RECOMMENDED FOR

- CONSTRUCTION
- INSTALLATIONS
- ASSEMBLY PROCESSES
- TRANSPORT
- LOGISTICS
- MAINTENANCE



195
G/M²



MC2813X4 JEANS SHIRT

MATERIAL: Denim 100% cotton, 195 g/m²

COLOUR: denim

SIZES: S-3XL

- Long sleeves
- Cuffs with button
- Two chest pockets with flap and buttons
- Stone-washed treatment



145

G/M²



130

G/M²



MC2816
FLANNEL SHIRT

MATERIAL: 100% flannel cotton, 145 g/m²

COLOUR: various colours

SIZES: 38-46

- Long sleeves with cuffs
- Chest pocket with flap and button

MC2817X0
COUNTRY SHIRT

MATERIAL: 100% flannel cotton, 130 g/m²

COLOUR: checkered

SIZES: S-3XL

- Checkered pattern
- Long sleeves with double button at the cuffs
- Two chest pockets with flap and button

SUMMER KNITWEAR

EXTREMELY COMFORTABLE T-SHIRTS AND POLO SHIRTS, SUITABLE FOR HOT ENVIRONMENTS, MADE IN HIGH QUALITY COTTON, TO GUARANTEE THE UTMOST COOLNESS, BREATHABILITY AND LIGHTNESS. AVAILABLE IN VARIOUS WEIGHTS, WITH HIGH RESISTANCE SEAMS AND WIDE RANGE OF COLOURS.





SUMMER KNITWEAR



MC3011K1 SAMBA T-SHIRT

MATERIAL: 100% cotton jersey, 120 g/m²

COLOUR: white

SIZES: S-3XL

· Round neck T-shirt

MC3011Q7 COLOUR: blue

MC3011Q2 COLOUR: royal blue

MC3011S2 COLOUR: army green

MC3011AM COLOUR: grey

MC3011Z9 COLOUR: black

MC3011S0 COLOUR: green

MC3011J5 COLOUR: orange

100%
COTTON JERSEY

120
G/M²



100%
COMBED COTTON JERSEY

140
G/M²

MC3012Q2
SIRFLEX T-SHIRT

MATERIAL: 100% combed cotton jersey, 140 g/m²

COLOUR: royal blue

SIZES: S-3XL

- Round neck T-shirt
- High strength seams

MC3012K1 COLOUR: white SIZES: XS-4XL

MC3012J5 COLOUR: orange

MC3012Q7 COLOUR: blue SIZES: XS-4XL

MC3012L0 COLOUR: red

MC3012C2 COLOUR: dark grey

MC3012D5 COLOUR: honey

MC3012AM COLOUR: grey

MC3012R6 COLOUR: green

MC3012M2 COLOUR: burgundy red

MC3012Z9 COLOUR: black

MC3020QA COLOUR: blue/light blue
SIZES: S-2XL

MC3023B0
TANGO T-SHIRT

MATERIAL: 100% combed cotton jersey, 140 g/m²

COLOUR: dark grey

SIZES: S-3XL

- V-neck t-shirt
- Flat felled seams

MC3023N0 COLOUR: royal blue

MC3023K1 COLOUR: white

MC3023Q7 COLOUR: blue



SUMMER KNITWEAR



100%
COTTON PIQUET

190
G/M²



MC3014S0
PIQUET POLO SHIRT

MATERIAL: 100% cotton piquet,
190 g/m²

COLOUR: green

SIZES: S-3XL

- Collar with two matching colour buttons
- Knitted trims on sleeves
- Collar with seam-covering fabric tape
- Double stitching on shoulders and around sleeves

MC3014P8 COLOUR: royal blue SIZES: XS-3XL

MC3014U0 COLOUR: beige

MC3014Q7 COLOUR: blue SIZES: XS-3XL

MC3014S6 COLOUR: bottle green

MC3014H5 COLOUR: orange

MC3014AM COLOUR: grey SIZES: XS-3XL

MC3014E0 COLOUR: yellow

MC3014K1 COLOUR: white SIZES: XS-3XL

MC3014L5 COLOUR: red

MC3014P6 COLOUR: petroleum blue



100%

COTTON PIQUET
HONEYCOMB

210

G/M²



▶ greater softness

MC3018H5
SIRFLEX POLO SHIRT

MATERIAL: Honeycomb fabric.
100% cotton, 210 g/m²

COLOUR: orange

SIZES: S-3XL

- Collar with two buttons and seam-covering fabric tape
- Knitted trims on sleeves
- Double stitching on shoulders and around sleeves
- Silicone treatment for maximum brightness and softness

MC3018C2 COLOUR: royal blue

MC3018Q7 COLOUR: blue

MC3018K1 COLOUR: white

MC3018BM COLOUR: grey

MC3018S0 COLOUR: green

MC3018Z9 COLOUR: black

MC3018L5 COLOUR: red

SUMMER KNITWEAR



100%

COTTON PIQUET
HONEYCOMB

210

G/M²

MC3019QH SALSA ITALIA POLO SHIRT

MATERIAL: Piquet honeycomb fabric 100% cotton, 210 g/m²

COLOUR: blue with Italian tricolour flag inserts

SIZES: S-3XL

- Collar with two buttons and seam-covering fabric tape
- Double stitching on shoulders and around sleeves
- Silicone treatment for maximum brightness and softness



MC3019QF SALSA POLO SHIRT

MATERIAL: Piquet honeycomb fabric 100% cotton, 210 g/m²

COLOUR: blue with white and red inserts

SIZES: S-2XL

- Collar with two buttons and seam-covering fabric tape
- Double stitching on shoulders and around sleeves
- Silicone treatment for maximum brightness and softness





MC3019KC COLOUR: white with blue inserts SIZES: S-3XL

MC3019QD COLOUR: blue with white/green inserts SIZES: S-3XL

MC3019NB COLOUR: light blue with blue inserts

MC3019QG COLOUR: blue with white inserts SIZES: S-3XL

MC3019AB COLOUR: grey with yellow inserts

· Chest pocket



MC3013PB
HARD ROCK POLO SHIRT

MATERIAL: 97% combed cotton jersey and 3% spandex, 200 g/m²

COLOUR: royal blue with inserts

SIZES: S-3XL

· Two-button collar
· Stretch knit



stretch effect

97%

COMBED COTTON

3%

SPANDEX

200

G/M²



SUMMER KNITWEAR



180
G/M²



MC3015QB ATHLETIC POLO SHIRT

MATERIAL: 100% polyester, 180 g/m²

COLOUR: blue with fluo yellow inserts

SIZES: S-3XL

- High transpiration properties
- Two-button collar
- Piping

MC3015AA COLOUR: grey with blue and red inserts

210
GR/M²



MC3017QC LUNA POLO SHIRT

MATERIAL: Piquet honeycomb fabric 100% cotton, 210 g/m²

COLOUR: blue with orange inserts

SIZES: S-3XL

- Two-button collar
- Collar with seam-covering fabric tape
- Silicone treatment for maximum brightness and softness

MC3017QE COLOUR: blue with grey inserts

MC3017PC COLOUR: royal blue with light blue inserts

MC3017QD COLOUR: blue with green inserts

MC3017SA COLOUR: green with grey inserts

THE SPECIAL COMPOSITION OF THE FABRIC IN **50% POLYESTER AND 50% FIBRE TREATED POLYESTER** ENABLES THE T-SHIRTS TO PROTECT AGAINST ULTRAVIOLET RAYS, WITH A PROTECTION FACTOR HIGHER THAN 50 AND HAVE PERMANENT **ANTIBACTERIAL AND ANTIODOUR PROPERTIES**, THAT DO NOT FADE AWAY WITH WASHING.



NEW



MC2556ZC
RAGLAN UV T-SHIRT

MATERIAL: 50% polyester, 50% fibre treated polyester

COLOUR: black with grey inserts

SIZES: S-3XL

- Round neck model
- Raglan cut
- Ergonomic inserts in breathable fabric
- Protection against UV rays
- Anti-bacterial properties
- Anti-odour properties

MC2557ZC

Long sleeves model



SUMMER KNITWEAR

100%
COTTON JERSEY

160
G/M²



MC3024K1
SIRFLEX LONG-SLEEVED T-SHIRT

MATERIAL: Jersey 100% cotton, 160 g/m²

COLOUR: white

SIZES: S-3XL

- Long-sleeved, round neck T-shirt
- Elastic knitted cuffs and collar

MC3024Q5 COLOUR: blue

MC3024Z9 COLOUR: black

MC3024A9 COLOUR: grey

100%

COTTON PIQUET
HONEYCOMB

200

G/M²



MC3016C2
LONG-SLEEVED POLO SHIRT

MATERIAL: Piquet honeycomb fabric 100% cotton, 200 g/m²

COLOUR: anthracite

SIZES: S-3XL

- Collar with three matching colour buttons
- Long sleeves with elastic knitted cuffs
- Collar with seam-covering fabric tape
- Double stitching on shoulders and around sleeves
- Silicone treatment that maintains colour brightness and softness

MC3016S6 COLOUR: bottle green

MC3016K1 COLOUR: white

MC3016P8 COLOUR: royal blue

MC3016Q7 COLOUR: blue

MC3016BM COLOUR: grey

MC3016H5 COLOUR: orange

MC3016Z9 COLOUR: black

MC3016CA COLOUR: anthracite with grey inserts

WINTER KNITWEAR



60%

COTTON

40%

POLYESTER

280

G/M²



restyled



MC3135L5
ZARA POLO SHIRT

MATERIAL: 60% cotton and 40% polyester, 280 g/m²

COLOUR: red

SIZES: S-3XL

- Long sleeves
- Elastic knitted cuffs
- Zippered collar
- Chest pocket with flap and Velcro
- Side slits
- Bar tacks in contrasting colour on collar zipper and chest pocket

MC3135Q7 COLOUR: blue

MC3135P8 COLOUR: light blue



MC3115Q0
UNISEX CARDIGAN

MATERIAL: 100% combed cotton, 260 g/m²

COLOUR: blue

SIZES: S-2XL

- V-neck cardigan

WINTER KNITWEAR

50%

COTTON

50%

POLYESTER

280

G/M²



MC3122AM
SIRFLEX ROUND NECK SWEATSHIRT

MATERIAL: 50% cotton, 50% polyester, weight 280 g/m²

COLOUR: grey

SIZES: S-3XL

- Round neck collar with internal seam-covering fabric tape
- Elastic knitted cuffs and waistband
- Chain stitched seams in contrasting colour

MC3122P2 COLOUR: light blue

MC3122Q5 COLOUR: blue SIZES: S-4XL

01



02



NEW

REFLECTIVE BANDS CAN BE APPLIED ON ALL GARMENTS

01 GREY REFLECTIVE BAND
HEIGHT 5 CM

PA170023 AROUND SLEEVE

PA170031 AROUND CHEST

02 TWO-TONE REFLECTIVE BAND
HEIGHT 8.5 CM

PA170034 AROUND SLEEVE

PA170035 AROUND CHEST

The set in the photo can be
certified EN ISO 20471 class 1



MC3125Q5 SIRFLEX POLO SWEATSHIRT

MATERIAL: 50% cotton, 50% polyester, 280 g/m²

COLOUR: blue

SIZES: S-3XL

- Collar with two matching colour buttons
- Internal seam-covering fabric tape
- Elastic knitted cuffs and waistband
- Chain stitched seams in contrasting colour

WINTER KNITWEAR

50%

COTTON

50%

POLYESTER

280

G/M²





MC3124BM
SIRFLEX ZIP COLLAR SWEATSHIRT

MATERIAL: 50% cotton, 50% polyester, 280 g/m²

COLOUR: grey

SIZES: S-3XL

- Collar with zipper closure
- Internal seam-covering fabric tape
- Elastic knitted cuffs and waistband
- Chain stitched seams in contrasting colour

MC3124H0 COLOUR: orange SIZES: S-4XL

MC3124Q5 COLOUR: blue

MC3124Z9 COLOUR: black

MC3124S6 COLOUR: green

MC3124K1 COLOUR: white

WINTER KNITWEAR

330

G/M²



MC3120Q7
OLYMPIC SWEATSHIRT

MATERIAL: 100% cotton, 330 g/m²

COLOUR: blue

SIZES: S-3XL

- Full-length zipper
- Muff pockets
- High windproof collar
- Inner collar with seam-covering fabric tape
- Elastic knitted cuffs and waistband
- Chain stitched seams in contrasting colour



MC3120AM COLOUR: grey

MC3120K1 COLOUR: white

MC3120B0 COLOUR: anthracite

MC3120S2 COLOUR: army green



300

G/M²



MC3126C2
COLOUR: grey

MC3126Q5
KANGOO SWEATSHIRT

MATERIAL: 50% cotton, 50% polyester, 300 g/m²

COLOUR: blue

SIZES: S-3XL

- Full-length zipper
- Muff pockets
- Hood with drawstring
- Elastic knitted cuffs
- Seams in contrasting colour



400
G/M²

MC3113Q7
TRICOLOUR SWEATSHIRT

MATERIAL: 100% cotton, 400 g/m²

COLOUR: blue

SIZES: S-3XL

- Full-length metal zipper
- Muff pockets with zipper closure
- Italian flag finishing on cuffs, waistband and inner collar

MC3113T0 COLOUR: green



370
G/M²



MC3112Q7
PANAMA SWEATSHIRT

MATERIAL: 50% polyester, 50% cotton, 370 g/m²
elastic knitted cuffs and waistband, 400 g/m²

COLOUR: blue

SIZES: XS-3XL

- Muff pockets with reinforcement bar tacks
- Pocket with flap and Velcro on left arm
- Chest pocket with Velcro and Italian flag decoration on flap
- D-ring and pen holder pocket
- Zippered second chest pocket
- Italian flag on right sleeve

MC3112C2 COLOUR: anthracite



WINTER KNITWEAR



MC3134Q5
BODYFORM MICRO-FLEECE

MATERIAL: 100% polyester, highly compact fabric, 144 filaments, 160 g/m²

COLOUR: blue

SIZES: S-3XL

· Collar with zipper closure, in contrasting grey colour



MC3130T0
SCOUT MICRO-FLEECE

MATERIAL: 100% polyester, highly compact fabric, 144 filaments, 200 g/m²

COLOUR: green

SIZES: S-3XL

· Collar with zipper closure

MC3130Q5 COLOUR: blue



230

G/M²



MC3129K1
VICTORY MICRO-FLEECE

MATERIAL: Highly compact fleece fabric 100% polyester, 144 filaments, 230 g/m²

COLOUR: white

SIZES: S-3XL

- Zipper collar
- Chest pocket with concealed zipper closure
- Waist drawstring
- Contrasting borders

MC3129B6 COLOUR: grey

MC3129P7 COLOUR: blue

MC3129Z9 COLOUR: black



320

G/M²



restyled



MC3133B0
SIRFLEX MICRO-FLEECE

MATERIAL: 100% polyester, highly compact fabric, 144 filaments, 320 g/m²

COLOUR: grey

SIZES: S-3XL

- Collar with zipper closure
- Elasticated cuffs and waistband
- Side bands in contrasting colour

MC3132QW COLOUR: blue/grey

MC3132MA COLOUR: purple/grey

MC3133L5 COLOUR: red



WINTER KNITWEAR

restyled

360

G/M²



MC3119C0 BLOUSON MICRO-FLEECE

MATERIAL: 100% polyester, highly compact micro-fleece fabric, 144 filaments, 360 g/m²

COLOUR: grey

SIZES: XS-3XL

- Nylon lining, breathable and windproof
- Full-length zipper
- High collar
- Elasticated cuffs
- Muff pockets and chest pocket with zipper closure
- Drawstring waistband

MC3119P2

COLOUR: royal blue **SIZES:** XS-2XL

MC3119Q5

COLOUR: blue **SIZES:** XS-3XL

restyled



310

G/M²

FOUR ZIPPERED
POCKETS

ERGONOMIC CUT
FOR A PERFECT FIT

REFLEX INSERTS
INCREASED VISIBILITY

MC3128ZG
COMFORT FLEECE

MATERIAL: 100% polyester, highly compact micro-fleece technical fabric, weight 310 g/m²

COLOUR: black

SIZES: S-4XL

- Central full-length zipper closure
- Elastic knitted cuffs and waistband
- High visibility yoke and outer sleeves and reflective inserts on sleeves, shoulders and back



WINTER KNITWEAR

NEW

WINDPROOF NYLON
HOOD
LINED IN 100% COTTON
JERSEY

JAQUARD FABRIC
DIRT RESISTANT

CHEST POCKET
SELF-LOCKING
ZIPPER

REFLEX INSERTS
INCREASED VISIBILITY

ABRASION
RESISTANT
CUFFS



SIR SAFETY
HARD WEAR

NEW



EN ISO 20471 **CLASS**
 **2**

MC2555ZG
ARROW SWEATSHIRT
EN ISO 20471 CLASS 2

MATERIAL: 60% polyester, 40% cotton jacquard knit fabric, 100% polyester fleece, 100% cotton jersey
COLOUR: high visibility yellow/black
SIZES: S -4XL

- Two pockets with elasticated trims
- Chest pocket with zipper
- Oversized antipilling cuffs
- Windproof nylon-lined hood
- Reflective inserts
- Heat-sealed reflective bands with cut-out design

MC2555Z9
ARROW SWEATSHIRT

MATERIAL: 60% polyester, 40% cotton jacquard knit fabric, 100% polyester fleece, 100% cotton jersey
COLOUR: black
SIZES: S-4XL

- Two pockets with elasticated trims
- Chest pocket with zipper
- Oversized antipilling cuffs
- Windproof nylon-lined hood
- Reflective inserts



RECOMMENDED FOR

- FORESTRY
- WOOD INDUSTRY
- PLANTS MAINTENANCE
- GARDENING



CUT PROTECTION



FB1117
METAL MESH VISOR
EN 1731 F

- Very thin and dense metal mesh structure
- Stops solid bodies, even of small dimensions
- Height 20 cm



FB1127
FORESTIER SYSTEM
EN 1731 EN 352-3

- Forestry system supplied with helmet adaptor
- Compatible with ABS 900, Mars and Cosmos helmets
- Suitable to combine face and hearing protection, thanks to a light and flexible mesh visor and ear muffs SNR 26 dB



FB1134
BASIC FORESTIER SYSTEM
EN 397 EN 1731 EN 352-3

- Combined head, face and hearing protection
- Polypropylene helmet with four-point polyethylene internal harness, easily adjustable
- Helmet adapter
- Metal mesh visor
- Ear muffs SNR 25.9 dB



FB1620
EXCALIBUR GOGGLES
EN 166 BT 3

- Clear polycarbonate lens
- Anti-fog treatment and indirect ventilation holes
- 180° global vision
- It can also be used by operators wearing glasses
- Lens 2C-1,2 1 BT

FB1624
EXCALIBUR DARK VISOR
EN 166 BT

- Polycarbonate protective visor
- Protects from solid particles and against splashes
- One size fits all



EN 381-7
MA1819
CHAINSAW PROTECTIVE GLOVE
EN 381-7 CLASS 1 EN 388

- Full grain leather
- Split leather cuff
- Back chainsaw protection and reinforcement
- Aramid thread stitching
- One size fits all



restyled

THE JACKET MUST BE WORN IN COMBINATION WITH THE CUT PROTECTION BIB-TROUSERS OR TROUSERS. SUITABLE FOR PROTECTING THE OPERATOR'S ARMS FROM RISKS ARISING FROM THE USE OF A CHAINSAW.

EN 381-11



MC5014SB
CHAINSAW PROTECTIVE JACKET
CLASS 1-180° EN 381-11 CLASS 1

MATERIAL: 65% polyester and 35% cotton, 240 g/m²;
Padding on sleeves and yoke in PET 155 g/m² for cut protection
COLOUR: high visibility orange/green
SIZES: 44-62

- Concealed zipper closure with Velcro fastening
- Additional Velcro fastening on the neck
- Adjustable cuffs with elastic
- Two chest pockets with flaps and Velcro
- Lower pockets with flap and Velcro

MC5054SA
CHAINSAW PROTECTIVE JACKET NO SAFETY

EN 381-5



MC5011S6
CHAINSAW PROTECTIVE TROUSERS
CLASS 1-180° EN 381-5 CLASS 1

MATERIAL: 65% polyester and 35% cotton, 240 g/m²;
Padding on front part of the legs in PET 155 g/m² for cut protection
COLOUR: high visibility orange/green
SIZES: 44-62

- Front zipper closure and inner button
- Two patch pockets with bottom reinforcement
- Back pocket with flap and Velcro
- Six 3 cm loops around waist
- Buttons between the loops for shoulders straps

MC5031S6
CHAINSAW PROTECTIVE TROUSERS CLASS 2-360°

MC5021S6

CHAINSAW PROTECTIVE TROUSERS CLASS 2-180°

EN 381-5



MC5023S6
CHAINSAW PROTECTIVE BIB-TROUSERS
CLASS 2-180° EN 381-5 CLASS 2

MATERIAL: 65% polyester and 35% cotton, 240 g/m²;
Padding on front part of the legs in PET 155 g/m² for cut protection
COLOUR: high visibility orange/green
SIZES: 44-62

- Elastic shoulder straps with quick-fastening buckles
- Bib pocket with zipper
- Back elasticated waistband and adjustable waist
- Two patch pockets with bottom reinforcement
- Back pocket with flap and Velcro
- Rear bib

MC5033S6
CHAINSAW PROTECTIVE BIB-TROUSERS
CLASS 2-360°



EN 381-7



MA1829
CHAINSAW PROTECTIVE GLOVE

EN 388



EN 381-7 CLASS 1 EN 388

3 1 3 1 X

- Synthetic leather
- Velcro cuff
- Non-slip rubber reinforcement on palm
- Chainsaw protection on left hand
- Aramid thread stitching
- Size: 8-12



MB2411 SAVER BOOTS
EN 17249 A E P WRU FO SRA CLASS 1

COLOUR: black **SIZES:** 39-47

- UPPER: grain leather
- LINING: breathable polyester
- TOECAP: composite
- PUNCTURE PROOF: composite midsole
- FOOTBED: Anti-shock PU foam
- OUTSOLE: nitrile rubber



EN 381-7



MA1828
CHAINSAW PROTECTIVE GLOVE

EN 388



EN 381-7 CLASS 1 EN 388

- Grain cowhide leather
- Cuffs
- Split leather reinforcement on palm and back
- Chainsaw protection on back
- Elastic cuffs
- Size: 9-10



MB2413 FORESTIER BOOTS
EN 17249 CLASS 3 EN 20345 SB E FO SRA

COLOUR: red **SIZES:** 39-47

- UPPER: vulcanized rubber with front and side protection against chainsaw. Calf adjustment system
- LINING: natural canvas cotton
- TOECAP: steel
- FOOTBED: anatomic and breathable
- OUTSOLE: rubber resistant to light acids and alkaline substances

DISPOSABLE CLOTHING

POLIETIL

100% POLYETHYLENE,
WATERPROOF,
NON BREATHABLE

POLIFILM

100% POLYPROPYLENE,
NON WATERPROOF,
BREATHABLE

CHEMFOR

POLYPROPYLENE
AND MICROFIBRE
WATERPROOF
AND BREATHABLE

CHEMTEX

TRILAMINATE
POLYPROPYLENE
50-55 G/M²

RECOMMENDED FOR

- FOOD PROCESSING INDUSTRY
- PROCESSING AND DISTRIBUTION OF FRUITS AND VEGETABLES
- PROCESSING AND DISTRIBUTION OF MEAT
- PHARMACEUTICAL INDUSTRY
- CHEMICAL AND TESTING LABORATORIES
- MEDICAL/HOSPITALS
- VETERINARY
- PETROCHEMICAL INDUSTRY
- FUEL STATIONS
- CLEANING



MC5142K0 SAMI GLOVE

MATERIAL: 100% polyethylene

COLOUR: clear

SIZES: one size fits all

- Not waterproof
- Breathable
- Pack of 10,000 pieces



MA2518 KRABY GLOVE

MATERIAL: Polyethylene, 0.05 mm increased thickness

COLOUR: clear

SIZES: one size fits all

- Length 50 cm
- Dexterity 5
- Pack of 1,000 pieces



MA2519 DAY FLEX GLOVE

MATERIAL: Polyethylene

COLOUR: light blue

SIZES: one size fits all

- Length 70 cm
- Thickness 0.02 mm
- Pack of 1000 pieces



MC3431K1 CHEMFOR COAT

MATERIAL: Chemfor with antistatic treatment

COLOUR: white

SIZES: M-2XL

- Unisex model
- Closure with 4 snap buttons
- Shirt collar
- Elasticated cuffs



MC5138K1 CHEMFOR SLEEVES

MATERIAL: Chemfor, microporous coated fabric, Polypropylene and microfibre, 55 g/m²

COLOUR: white

SIZES: one size fits all

- Waterproof and breathable
- Length 40 cm
- Pack of 100 pieces

MC5118K1 POLIETIL CM 40 SLEEVES

MATERIAL: 100% polyethylene, thickness 0.2 mm; Length 40 cm

COLOUR: white

SIZES: one size fits all

- Elastic on both sides
- Pack of 100 pieces

MC5118P0 COLOUR: blue

MC5118E0 COLOUR: yellow

MC5118L0 COLOUR: red

MC5118S0 COLOUR: green



MC5112S0
POLIFILM COAT

MATERIAL: Polifilm 100% polypropylene, 30 g/m²
COLOUR: green
SIZES: M-2XL

- Non waterproof
- Breathable
- Velcro fastening
- Pack of 50 pieces in packs of 10 pcs

MC5112K1 COLOUR: white
MC5112P0 COLOUR: blue
MC5112E0 COLOUR: yellow



MC5111P0
POLIFILM COVERALL

MATERIAL: 100% polypropylene, 40 g/m²
COLOUR: blue
SIZES: M-2XL

- Central zipper closure
- Hood
- Elastic around wrists and ankles
- Pack of 50 pieces

MC5111K1 COLOUR: white
MC5111S0 COLOUR: green



MC5113K1
POLIETIL OVERCOAT

MATERIAL: 100% polyethylene, thickness 0.2 mm
COLOUR: white
SIZES: S-2XL

- Waterproof, non breathable
- Hood and snap button closure
- Pack of 500 pieces
- Can also be used as a raincoat for limited use



MC5114N0
POLIETIL TUNIC

MATERIAL: 100% polyethylene, thickness 0.15 mm
COLOUR: light blue
SIZES: L-XL

- For medical use
- Long sleeves, thumbhole cuffs
- Rear closure with laces
- Pack of 50 pieces



MC5117K1
DENSITY APRON

MATERIAL: High density polyethylene
COLOUR: white
SIZES: one size fits all

- Dimensions 110x86 cm
- Pack of 50 pieces



MC5217K1
LIMA COSTA APRON

MATERIAL: Chemfor, 55 g/m²
COLOUR: white
SIZES: one size fits all

- Waterproof and breathable
- Dimensions 85x100 cm



MC5114K1
POLIETIL APRON

MATERIAL: Polyethylene, thickness 0.025 mm
COLOUR: white
SIZES: one size fits all

- Dimensions 81x135 cm
- Pack of 50 pieces



MC5115K1
CHEMTEX APRON

MATERIAL: Trilaminare polypropylene, 50 g/m²
COLOUR: white
SIZES: one size fits all

- Dimensions 75x80 cm
- Pack of 100 pieces

MC5114P0 COLOUR: blue
MC5114E0 COLOUR: yellow
MC5114L0 COLOUR: red
MC5114S0 COLOUR: green

DISPOSABLE ACCESSORIES



MC5120PO POLIETIL SHOE COVERS

MATERIAL: Polyethylene, thickness 0.02 mm
COLOUR: blue
SIZES: one size fits all

- Waterproof, non breathable
- Dimensions 15x41 cm
- Pack of 100 pieces
- Suitable for all types of footwear

MC5122N0 CHEMTEX SHOE COVERS

MATERIAL: Non-woven fabric SMS weight 60 g/m²
COLOUR: light blue
SIZES: one size fits all

- Dimensions 18x41 cm
- Pack of 100 pieces

MC5122K1 COLOUR: white
MC5122S0 COLOUR: green



MC5137K1 CHEMFOR SHOE COVERS

MATERIAL: Chemfor, microporous coated fabric, polypropylene and microfibre
COLOUR: white
SIZES: one size fits all

- Waterproof
- Breathable
- Dimensions 48x40 cm
- Pack of 100 pieces

MC5135K1 SHOE COVERS IN TYVEK WITH STRINGS

MATERIAL: Tyvek
COLOUR: white
SIZES: one size fits all

- Height 48 cm
- 2 strings to allow the fastening to the trousers or ankles
- Pack of 100 pieces

FA1111 RIGID MASK

MATERIAL: Paper
COLOUR: white
SIZES: one size fits all

- Made of paper and only suitable for filtering coarse and non-harmful particles
- Positioning elastic straps
- Pack of 50 pieces



MC5132K1 POLIFILM MEN'S CAP

MATERIAL: 100% polypropylene
COLOUR: white
SIZES: one size fits all

- Non waterproof
- Breathable
- Pack of 1,000 pieces

MC5130K1 MESH HAIRNET

MATERIAL: Mesh fabric
COLOUR: white
SIZES: one size fits all

- Pack of 1,000 pieces

MC5125K1 ROUND UNISEX POLIFILM HAIRNET

MATERIAL: Polifilm, 100% polypropylene, 10 g/m²
COLOUR: white
SIZES: one size fits all

- Non waterproof
- Breathable
- Pack of 1,000 pieces

MC5127K1 POLIFILM UNISEX BRIMMED CAP

MATERIAL: Polypropylene, 15 g/m²
COLOUR: white
SIZES: one size fits all

- Unisex model
- Non waterproof, breathable
- Pack of 1,000 pieces

MC5125N0 COLOUR: light blue
MC5125S0 COLOUR: green



MC5123K1
NON-SLIP SHOE COVERS

MATERIAL: Polypropylene, polyethylene

COLOUR: white/blue

SIZES: one size fits all

- Reinforced polypropylene with water resistant sole
- Dimensions 17x40 cm
- Pack of 100 pieces



MC5121K1
NON-SLIP DOTTED SHOE COVERS

MATERIAL: Polypropylene

COLOUR: white

SIZES: one size fits all

- Reinforced PVC dotted sole with non-slip and abrasion resistance properties
- Dimensions 18x41 cm
- Pack of 100 pieces



MC5136K1
TYVEK SHOE COVERS

MATERIAL: Tyvek

COLOUR: white

SIZES: one size fits all

- Dimensions 18x41 cm, waterproof
- Pack of 100 pieces



MC5139K0
POLYETHYLENE SHOE COVERS

MATERIAL: Polyethylene, thickness 0.06 mm

COLOUR: clear

SIZES: one size fits all

- Reinforced dotted sole
- Elastic fastening at the calf
- 48x40 cm
- Pack of 100 pieces



FA1112
SURGERY MASK

MATERIAL: Triple layer of fabric resistant to aerial particles

COLOUR: green

SIZES: one size fits all

- Non sterile
- Indicated for blood and saliva sprays
- Pack of 50 pieces
- It is not a protective equipment



MC5131K1
POLIFILM FACE COVER

MATERIAL: Polifilm, 100% polypropylene, 40 g/m²

COLOUR: white

SIZES: one size fits all

- Non waterproof, breathable
- Pack of 250 pieces



MC5126N0
PIRAT HOOD

MATERIAL: Polypropylene

COLOUR: light blue

SIZES: one size fits all

- Polypropylene with integrated mask
- It only reveals the eyes
- Pack of 100 pieces



MC5133K1
POLIFILM CAP

MATERIAL: Peak 100% polypropylene, 40 g/m²

COLOUR: white

SIZES: one size fits all

- Men's model
- Not waterproof, breathable
- Pack of 1,000 pieces



MC5128N0
STRETCH UNISEX CAP

MATERIAL: Polypropylene

COLOUR: light blue

SIZES: one size fits all

- Pleated unisex model, in polypropylene
- Pack of 1,000 pieces

MC5128K1 COLOUR: white

MC5128E5 COLOUR: yellow

MC5128L0 COLOUR: red

MC5128S0 COLOUR: green

MC5128L3 COLOUR: pink



MC5129N0
DETECTOR CAP

MATERIAL: Polypropylene

COLOUR: light blue

SIZES: one size fits all

- Pleated unisex stretch model, in polypropylene
- Metal insert for metal detection
- Pack of 1,000 pieces



MC5124N0
WOMEN'S HAIRNET

MATERIAL: Polypropylene

COLOUR: light blue

SIZES: one size fits all

- Pack of 500 pieces

MC5124K1 COLOUR: white

MC5124S0 COLOUR: green



MC5134K1
TYVEK HOOD

MATERIAL: Tyvek

COLOUR: white

SIZES: one size fits all

- Elastic around face
- Pack of 20 pieces

MEAT PROCESSING



RECOMMENDED FOR

- FOOD INDUSTRY
- MEAT PROCESSING



MA1822
BUTCHER'S (15 CM) GLOVE
 EN 1082-1

MATERIAL: Stainless steel chainmail with 0.55 mm rings
SIZES: XS/green, S/white, M/red, L/blue, XL/orange

- 15 cm extended cuff
- Ambidextrous
- Plastic adjustable buckle

- MA1823** · 21 cm extended cuff
- MA1824** · 30 cm extended cuff
- MA1825** · 60 cm extended cuff
- MA1826** · Three-fingers model **SIZES:** XS-L

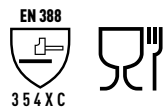


MA1821
BUTCHER'S GLOVE
 EN 1082-1

MATERIAL: Stainless steel chainmail with 0.55 mm rings

SIZES: XS/green, S/white, M/red, L/blue, XL/orange

- Ambidextrous
- Plastic adjustable buckle



MA1511
SLAUGHTER GLOVE
EN 388 - FOODSAFE

MATERIAL: Dytex knit
COLOUR: white
SIZES: 6-7-8-9-10-11

- Single sleeve in high-tenacity Dytex knit with steel core
- Elasticated knit cuff
- Dexterity: 5



MA1520
ARMEX ARM CUFF
EN 388

MATERIAL: Aramid knit
COLOUR: yellow
SIZES: one size fits all

- Length 44 cm
- Dexterity: 5



MA1531
SUPER ARMEX ARM CUFF

MATERIAL: Cut resistant knitted fabric
COLOUR: grey
SIZES: one size fits all

- Length 52 cm
- Silicone inserts
- Dexterity 5



MC5214X2
RASANEN APRON
EN 13998 LEVEL 2

MATERIAL: Ultralight aluminium plates, assembled by stainless steel rings, 1450 g, dimensions 55x70 cm

COLOUR: silver
SIZES: one size fits all

- Withstands knife blows
- Usable on both sides
- Adjustable harness



MC1419K1
EVOLUTION APRON

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: white
SIZES: one size

- Closure by fabric strings
- Dimensions 65x85 cm

MC1419Q5 COLOUR: blue

MC1419Z9 COLOUR: black



MC5211K1
ALVES APRON

MATERIAL: PVC
COLOUR: white
SIZES: one size

- Waterproof
- Thickness 0.3 mm
- Resistant to most chemicals
- Tear resistant
- Dimensions 75x120 cm

MC5211S0 COLOUR: green



MC5212K1
TREVIRA APRON

MATERIAL: Polyester/PVC
COLOUR: white
SIZES: one size

- Thickness 0.5 mm
- Dimensions 75x120 cm
- Suitable for all processes requiring high resistance

MC5212S0 COLOUR: green



MC5213K1
DELTA APRON

MATERIAL: Polyurethane, thickness 0.3 mm
COLOUR: white
SIZES: one size

- Resistant to the main acid substances and organic products such as blood, meat, animal fats, casein
- Elasticated adjustable rear closure
- Dimensions 90x115 cm

MC5213P0 COLOUR: blue



MC5216K1
PVC APRON

MATERIAL: PVC, thickness 0.2 mm
COLOUR: white
SIZES: one size

- Dimensions 89x127 cm

MC5216K0 COLOUR: clear

MC5216P0 COLOUR: blue



MC5221N0
CRYOGENIC APRON
EN 511 EN 388

MATERIAL: Special fabric coated in extremely hard-wearing composite material

COLOUR: light blue
SIZES: one size

- Protection against cryogenic gas sprays
- Adjustable neck and waist clip buckles
- Shoulder straps in polyester with easy clip closure
- Dimensions 70x90 cm

THERMO LIGHT

STRETCH

NEW
for women

PADDING
100
G/M²

NEW

RECOMMENDED FOR

- METALWORKING INDUSTRY
- FOOD INDUSTRY
- PHARMACEUTICAL INDUSTRY
- CHEMICAL AND TESTING LABORATORIES
- CLEANING
- LOGISTICS



01



02



04



03



05



06



01 MC5314QV
THERMO JACKET
EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: blue

SIZES: S-3XL

- Front zipper closure
- Two lower pockets
- Elasticated armhole and bottom
- Turtleneck collar with fleece lining
- Softshell windproof inserts

02 MC5314K1 COLOUR: white



03 MC5325QV
THERMO JACKET
EN 14058

COLOUR: blue

SIZES: XS-3XL

- Ladies' model

04 MC5325K1 COLOUR: white



MC5316QV
THERMO BODYWARMER
EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: blue

SIZES: S-3XL

- Front zipper closure
- Two lower pockets
- Elasticated armhole and bottom
- Turtleneck collar with fleece lining
- Softshell windproof inserts

MC5316K1 COLOUR: white



05 MC5311QV
THERMO TROUSERS
EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester

COLOUR: blue

SIZES: S-3XL

- Classic cut front pockets
- Back welt pocket
- Waistband with adjustable drawstring
- Softshell windproof inserts

06 MC5311K1 COLOUR: white



LOW TEMPERATURES

3M
Thinsulate
INSULATION
extra warmth

BASIC INSULATION OF THE I_{CLER} GARMENTS AND ENVIRONMENTAL TEMPERATURE CONDITIONS FOR THERMAL EQUILIBRIUM AT DIFFERENT LEVELS OF ACTIVITY AND EXPOSURE PERIOD

THERMAL INSULATION I _{CLER} [M ² K/W]	MOVEMENT ACTIVITIES			
	LIGHT 115 W/m ²		MODERATE 170 W/m ²	
	8h	1h	8h	1h
0.310	-1 °C	-15 °C	-19 °C	-32 °C
0.338	-3.5 °C	-18.5 °C	-22.1 °C	-36.5 °C
0.39	-8 °C	-25 °C	-28 °C	-45 °C
0.47	-15 °C	-35 °C	-38 °C	-58 °C
0.507 OPERA QUARK JACKET OPERA QUARK BIB-TROUSERS	-18.7 °C	-39.8 °C	-44.3 °C	-64.4 °C
0.54	-22 °C	-44 °C	-49 °C	-70 °C
0.62	-29 °C	-54 °C	-60 °C	-83 °C
0.637 FREEZER JACKET FREEZER BIB-TROUSERS	-30.5 °C	-56.1 °C	-61.6 °C	-85.8 °C

THE THERMAL INSULATION IS MEASURED WITH AIR SPEED BETWEEN 0.2M/S AND 0.5 M/S

PADDING

150
G/M²

MC5334Q5 OPERA QUARK JACKET EN 342

MATERIAL: Outer fabric in 420D Oxford nylon and padding in Thinsulate 3M, 150 g/m²
In combination with the bib-trousers for working at temperatures **down to -45°C**

COLOUR: blue

SIZES: S-3XL

- Specific for cold stores operators
- Concealed zipper closure with flap and buttons
- Detachable hood
- Collar with eco-friendly fur lining
- Adjustable cuffs with Velcro and elasticated knit inner cuff
- Side elastic waistband
- Inner pocket fastened with Velcro
- Reflective bands and piping
- Vertical zippered pocket
- Two lower pockets with flap and Velcro

MC5333Q5 OPERA QUARK BIB-TROUSERS EN 342

MATERIAL: Outer fabric in 420D Oxford nylon and padding in Thinsulate 3M, 150 g/m²
In combination with the jacket for working at temperatures **down to -45°C**

COLOUR: blue

SIZES: S-3XL

- Specific for cold stores operators
- Concealed zipper closure with flap, with Velcro fastening and snap buttons
- Front waist with outline in comfortable knitted fabric
- Adjustable shoulder straps, elasticated, with quick-fastening buckles
- High rear bib
- Back elasticated waistband
- Back pocket fastened with Velcro
- Front pockets with flap and Velcro
- Concealed zipper closure with flap and Velcro on the bottom of the legs
- Reflective bands and piping

MB2316

VECTOR BOOTS EN ISO 20345 S3 CI HRO SRC

COLOUR: black

SIZES: 39-47

- UPPER: nubuck leather
- LINING: Eco-friendly fur and Thinsulate 200 g/m² padding
- TOECAP: fibreglass
- PUNCTURE PROOF: composite midsole
- FOOTBED: Maximum
- OUTSOLE: Rubber Max PU/rubber with TPU overcap and inserts



EXTREME TEMPERATURES

MC3211C2 SIRFLEX UNDERWEAR SET

MATERIAL: 94% bamboo and 6% spandex stretch technical fabric, 200 g/m²

COLOUR: anthracite

SIZES: S-3XL

- Long sleeved shirt
- Underpants with front fly
- Seams in contrasting colour
- High thermal power

MC3211K1 COLOUR: white



3M
Thinsulate
INSULATION
extra warmth



MC2438Z9 BUFF® BALACLAVA

MATERIAL: 100% merino wool, 125 g/m²

COLOUR: black

SIZES: one size fits all

- Ideal to be used under the helmet



MC2316P0 BALACLAVA

MATERIAL: Fleece 100% polyester

COLOUR: blue

SIZES: one size fits all

- Extremely light and protective





EN 342 **MC5344QL FREEZER JACKET**
EN 342

MATERIAL: 100% Nylon Oxford 420D, padding in Thinsulate 3M, 350 g/m²
COLOUR: blue
SIZES: S-3XL

- Worn in combination with the bib-trousers, the jacket is certified for protection against temperatures down to -60°C
- Two-way concealed zipper closure with buttons
- Collar closed with double Velcro
- Micro-fleece collar lining
- Pocket fastened with Velcro on left sleeve
- Elastic knitted cuffs
- Detachable padded hood with drawstring
- Drawstring on the bottom
- Fluorescent yellow and grey inserts
- Reflective bands and piping
- Two chest pockets with Velcro and pen holder
- Two lower pockets with flap and Velcro
- Inner pocket

EN 342 **MC5343QL FREEZER BIB-TROUSERS**
EN 342

MATERIAL: 100% nylon Oxford 420D, padding in Thinsulate 3M, 350 g/m²
COLOUR: blue
SIZES: S-3XL

- Worn in combination with the jacket, the bib-trousers is certified for protection against temperatures down to -60°C
- Zipper closure
- Adjustable elasticated shoulder straps with quick-fastening buckles and rear bib
- Three-dimensional side patch pockets
- Back elasticated waistband
- Knee pad pockets
- Ankle zippers
- Fluorescent yellow and grey inserts
- Reflective bands and piping

EN 342 **MC5347QL FREEZER COVERALL**
EN 342

MATERIAL: 100% nylon Oxford 420D, padding in Thinsulate 3M, 350 g/m²
COLOUR: blue
SIZES: S-3XL

- Two-way concealed zipper closure
- Collar closed with double Velcro
- Micro-fleece collar lining
- Elastic knitted cuffs
- Inner pocket
- Knee pad pockets
- Ankle zippers
- Grey and fluorescent yellow inserts and piping



MC2315P0
COLD RESISTANT CAP

MATERIAL: 100% Nylon
COLOUR: blue
SIZES: one size fits all

- Ear flaps with snap buttons-fastening



MC4933B0
WINTER SOCKS

MATERIAL: warm cotton
COLOUR: light grey
SIZES: 39-42; 43-46

- Warm cotton with Cool-Max breathable system



NEW

MB2714
JUMBO BOOTS
EN 20345 S5 CI SRC

COLOUR: black
SIZES: 39-47

- UPPER: polyurethane
- LINING: 30% wool, 30% acrylic, 40% polyester
- TOECAP: fibreglass
- PUNCTURE PROOF: composite midsole
- SOLE: PU/TPU

CHEMICAL PROTECTION

EN 943-1/2 EN 1073-2 EN 1149-5 EN 13034
EN ISO 13982-1 EN ISO 14116 EN 14126 EN 14605 DIN 32781

EN STANDARDS FOR PROTECTIVE CLOTHING

The following is a brief summary of the EN norms for protective clothing, in force at the time of publication. According to EU Directive 2016/425, any personal protective equipment must carry the CE label for one of the three following categories:

› Category I: Products for minimal risks

Products suitable for protection against dirt and non harmful substances. EN 13688.

› Category II: Products for medium risks

Products that are not included within category I and III. Limited protection.

› Category III: Complex design

Products to wear or use for protection against serious and irreversible risks which might result in permanent consequences and damage.

LIMITS OF USE

The following factors must be considered when choosing the most appropriate clothing:

1. concentration and toxicity of the chemical substances to be handled;
2. concentration and quantity of the liquid spray and splashes;
3. conditions in which the clothes are used;
4. for dry and nebulized particles, the size and toxicity of the particles.

All chemical protective clothing in SIR range is CE marked, Category II and III.

PRODUCT RANGE

FIELDS OF USE	CHEMICAL INDUSTRY TREATMENT AND MANAGEMENT	DECOLOURATION AT RISK	COLOURING (WITH ISOCYANATES)	COLOURING (WITHOUT ISOCYANATES)	CHEMICAL CLEANING	AIR SPRAYING OF PESTICIDES/INSECTICIDES	GROUND SPRAYING OF PESTICIDES/INSECTICIDES	DECOLOURATION ASBESTOS-BASED	ASBESTOS REMOVAL	OUTDOOR COVERING REMOVAL WITH PRESENCE OF ASBESTOS
SIR ChemTex CHEMTEX							Type 6	Type 5		Type 5
SIR ChemStat CHEMSTAT							Type 6	Type 5		Type 5
SIR ChemFire CHEMFIRE							Type 6	Type 5		Type 5
SIR ChemFor CHEMFOR				Type 6	Type 6		Type 6	Type 5	Type 5	Type 5
SIR ChemFor-T CHEMFOR-T				Type 6	Type 6		Type 6	Type 5	Type 5	Type 5
SIR ChemFor Fresh CHEMFOR FRESH				Type 6	Type 6		Type 6	Type 5	Type 5	Type 5
SIR ChemFor Plus CHEMFOR PLUS	Type 4	Type 4	Type 4	Type 6	Type 6	Type 4	Type 6	Type 5	Type 5	Type 5
SIR ChemFor Total CHEMFOR TOTAL	Type 4	Type 4	Type 4	Type 6	Type 6	Type 4	Type 6	Type 5	Type 5	Type 5
SIR ChemFor Max CHEMFOR MAX				Type 6	Type 6	Type 4	Type 6	Type 5	Type 5	Type 5
SIR BioTech BIOTECH	Type 4	Type 4	Type 4	Type 6	Type 6	Type 4	Type 6	Type 5	Type 5	Type 5
SIR Chemical Tech CHEMICAL TECH	Type 3 Type 4	Type 3	Type 3		Type 3 Type 4	Type 4	Type 6	Type 5		Type 5
SIR Chemical Bio CHEMICAL BIO	Type 3 Type 4	Type 3	Type 3		Type 3 Type 4	Type 4	Type 6	Type 5		Type 5
Lakeland CHEMMAX 2	Type 3 Type 4	Type 3	Type 3		Type 3 Type 4	Type 4	Type 6			Type 5
Lakeland CHEMMAX 4	Type 3 Type 4	Type 3	Type 3		Type 3 Type 4	Type 4	Type 6			Type 5
Lakeland INTERCEPTOR PLUS										

LIMITED CHEMICAL PROTECTION

TYPE 6

65%

POLYESTER

35%

COTTON

245

G/M²

RECOMMENDED FOR

- CHEMICAL INDUSTRY
- PHARMACEUTICAL INDUSTRY
- CHEMICAL LABORATORIES
- PRECIOUS METALS INDUSTRY
- PAINTING





MC3317C0
TEFLON COVERALL
EN 13034 TYPE 6

MATERIAL: 65% polyester, 35% cotton,
245 g/m²
COLOUR: grey
SIZES: 42-64

- Two-way concealed central zipper closure with Velcro
- Elastic waistband
- Front and chest pocket with flap and Velcro
- Elasticated cuffs

MC3317K1 COLOUR: white

MC3317Q5 COLOUR: blue



MC3314C0
TEFLON JACKET
EN 13034 TYPE 6

MATERIAL: 65% polyester, 35% cotton,
245 g/m²
COLOUR: grey
SIZES: 42-64

- Concealed central zipper closure with Velcro
- Pockets with flap and Velcro
- Elasticated cuffs

MC3314K1 COLOUR: white

MC3314Q5 COLOUR: blue



MC3311C0
TEFLON TROUSERS
EN 13034 TYPE 6

MATERIAL: 65% polyester, 35% cotton,
245 g/m²
COLOUR: grey
SIZES: 42-64

- Fly with zipper and button
- Front welt pockets
- Back pocket with flap and Velcro

MC3311K1 COLOUR: white

MC3311Q5 COLOUR: blue

JACKET AND TROUSERS MUST BE WORN
IN COMBINATION



MC3318K1
TEFLON LAB COAT
EN 13034 TYPE 6 PB

MATERIAL: 65% polyester, 35% cotton,
245 g/m²
COLOUR: white
SIZES: 42-64

- Concealed central zipper closure with buttons
- Pockets with flap and Velcro
- Elasticated cuffs

MC3318Q5 COLOUR: blue

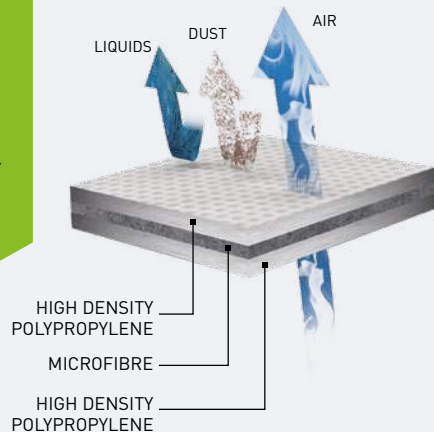
MC3318C0 COLOUR: grey



RECOMMENDED FOR

- CLEANING
- CONSTRUCTION
- INSTALLATION AND MAINTENANCE
- INDUSTRIAL PLANTS
- WASTE AND ASBESTOS COLLECTION AND DISPOSAL
- PAINTING
- CHEMICAL AND TESTING LABORATORIES
- FOOD INDUSTRY
- RECLAMATION AND PEST CONTROL

TRILAMINATE FABRIC



DESIGNED TO PROTECT AGAINST HAZARDOUS DRY DUST, **CHEMTEX** AND **CHEMSTAT** FABRICS ARE HIGHLY VALUABLE PRODUCTS. THEY ARE AN EXCELLENT BARRIER AGAINST SOLID PARTICLES, EVEN VERY FINE DUSTS, AND REPELLENT AGAINST LIGHT LIQUID SPLASHES AND TOXIC AND NON-TOXIC PRODUCT MISTS.

EN ISO 13982



EN 13034



EN 1073



EN ISO 14116



EN 1149



MC3423NO

CHEMFIRE COVERALL

EN ISO 13982-1 TYPE 5 EN 13034 TYPE 6
EN 1073-2 EN ISO 14116 INDEX 1 EN 1149-5

MATERIAL: 100% antistatic polypropylene

COLOUR: cornflower blue

SIZES: M-2XL

- TO BE WORN AS PROTECTION OVER CONVENTIONAL GARMENTS
- Concealed central zipper closure with flap
- Elastic on hood, waistband, cuffs and ankles
- Designed to protect against contact with small splashes of liquid chemical agents, in presence of dust and particles
- Suitable for short contacts with the flame
- Pack of 25 pieces

CHEMICAL PROTECTION

TYPE 5-6



EN ISO 13982



MC3411K1

CHEMTEX COVERALL

EN ISO 13982-1 TYPE 5 EN 13034 TYPE 6

EN 13034



MATERIAL: Trilaminare polypropylene fabric

COLOUR: white

SIZES: M-2XL

- Zipper closure with adhesive flap
- Elasticated hood, cuffs, waist and ankles
- Acts as barrier against solid particles, even very fine dusts
- Suitable for asbestos protection, it is repellent against light splashes and toxic product sprays
- Pack of 25 pieces

EN ISO 13982



MC3412N0

CHEMSTAT COVERALL

EN ISO 13982-1 TYPE 5 EN 13034 TYPE 6

EN 13034



MATERIAL: Trilaminare polypropylene fabric with antistatic properties

COLOUR: light blue

SIZES: M-2XL

EN 1149



- Zipper closure with adhesive flap
- Elasticated hood, cuffs, waist and ankles
- Suitable for asbestos protection
- The fabric is an excellent barrier against solid particles, even very fine dusts, it is repellent against light liquid splashes and toxic and non-toxic product sprays
- Pack of 25 pieces



EN ISO 13982 EN 13034 EN 1149



MC3415K1
CHEMFOR COVERALL
 EN ISO 13982-1 TYPE 5
 EN 13034 TYPE 6 EN 1149-5

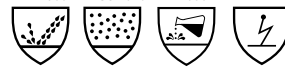
MATERIAL: Polypropylene coated with breathable microporous film

COLOUR: white

SIZES: M-3XL

- Concealed central zipper closure
- Elasticated hood, cuffs, waist and ankles
- Antistatic properties
- Pack of 25 pieces

EN 14605 EN ISO 13982 EN 13034 EN 1149



MC3418K1
CHEMFOR PLUS COVERALL
 EN 14605 TYPE 4 EN ISO 13982-1 TYPE 5
 EN 13034 TYPE 6 EN 1149-5

MATERIAL: Double layer of high density polypropylene with mechanical protection properties and tear resistance, coupled with microporous film

COLOUR: white

SIZES: M-2XL

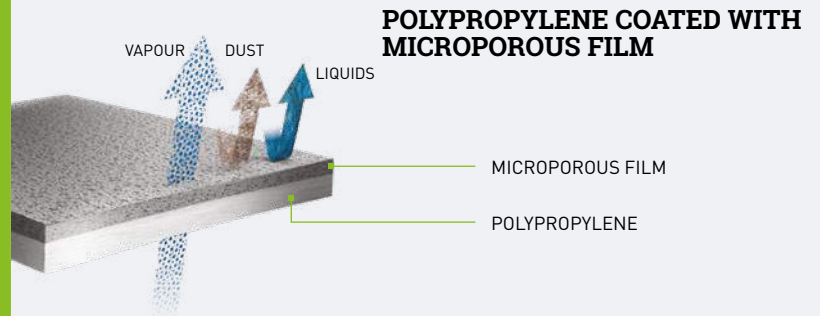
- Two-way concealed central zipper closure with adhesive flap
- Self-adhesive band on the neck area
- Elasticated hood, cuffs, waist and ankles
- Thumbhole elastic
- Double taped seams
- Antistatic properties
- Pack of 25 pieces

CHEMICAL PROTECTION

TYPE 4-5-6

RECOMMENDED FOR

- CLEANING
- CONSTRUCTION
- INSTALLATION AND MAINTENANCE
- INDUSTRIAL INSTALLATIONS
- WASTE AND ASBESTOS COLLECTION AND DISPOSAL
- PAINTING
- CHEMICAL AND TESTING LABORATORIES
- AGRIBUSINESS INDUSTRY
- SHIPBUILDING
- RECLAMATION AND PEST CONTROL



PRODUCTS REALIZED THROUGH THE COMBINATION OF TWO DIFFERENT FABRICS: AN INTERNAL POLYPROPYLENE STRUCTURE WITH MECHANICAL RESISTANCE PROPERTIES, AND AN EXTERNAL MICROPOROUS BREATHABLE FILM FOR PROTECTION AGAINST DUSTS AND LIQUIDS. RESISTANT, BREATHABLE AND HIGHLY PROTECTIVE.



EN ISO 13982 EN 13034 EN 1149



MC3416K1

CHEMFOR-T COVERALL

EN ISO 13982-1 TYPE 5 EN 13034 TYPE 6
EN 1149-5

MATERIAL: Polypropylene coated with high strength breathable microporous film

COLOUR: white

SIZES: M-2XL

- Concealed central zipper closure
- Elasticated hood, waist, cuffs and ankles
- Antistatic properties
- Pack of 25 pieces



EN ISO 13982 EN 13034 EN 1149



MC3414K1

CHEMFOR FRESH COVERALL

EN ISO 13982-1 TYPE 5 EN 13034 TYPE 6 EN 1149-5

MATERIAL: Front part: polypropylene coated with breathable microporous film

Back and inner leg: trilaminate polypropylene, for increased breathability

COLOUR: white and light blue

SIZES: M-3XL

- Concealed central zipper closure
- Elasticated hood, cuffs, waist and ankles
- Pack of 25 pieces



MC3413K1

CHEMFOR MAX COVERALL

EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B EN 1149-5
EN 14126 EN 1073-2 DIN 32781

MATERIAL: Polypropylene fabric, coupled with breathable microporous film, weight 63 g/m² with four-threads high density reinforced stitching

COLOUR: white

SIZES: M-3XL

- Concealed zipper closure with adhesive flap
- Elasticated hood, cuffs and ankles
- Antistatic properties
- Designed for protection against radioactive contamination in the form of particles, it also provides protection against dusts and partial protection against liquids
- Protection against pesticides
- Pack of 25 pieces

MC3434K1

CHEMFOR TOTAL COVERALL

EN 14605 TYPE 4B EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B
EN 1149-5 EN 14126 EN 1073-2

MATERIAL: High density polypropylene fabric coupled with breathable microporous film

COLOUR: white

SIZES: M-2XL

- It features mechanical protection and tear resistance
- Heat-sealed seams in contrasting colour
- Two-way concealed zipper closure with adhesive flap
- Elasticated hood, cuffs and ankles
- Thumbhole elastic
- Pack of 20 pieces

MC3419N0

BIOTECH COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 1149-5
EN 14126

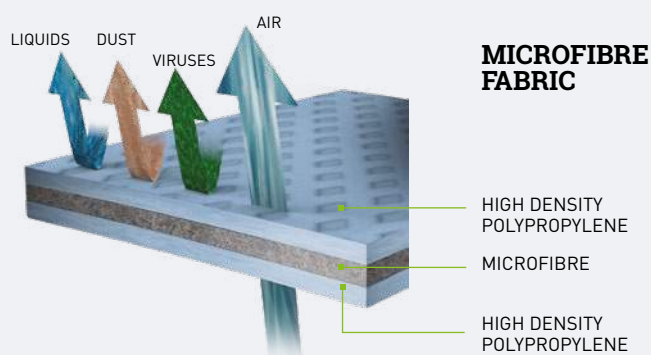
MATERIAL: Microfibre resistant to dust, liquids and viruses, reinforced with a layer of high density polypropylene

COLOUR: light blue

SIZES: M-3XL

- Ultrasound sealed seams in contrasting colour, resistant to liquids, sprays and splashes
- Concealed zipper closure with adhesive flap
- Elasticated hood, waist, cuffs and ankles
- Specific for protection against active viruses, transmitted through blood or organic matter
- Pack of 20 pieces

BACTERIOLOGICAL CHEMICAL PROTECTION



RECOMMENDED FOR

- CLEANING
- CONSTRUCTION
- WASTE AND ASBESTOS DISPOSAL
- PAINTING
- CHEMICAL LABORATORIES
- FOOD INDUSTRY
- RECLAMATION AND PEST CONTROL

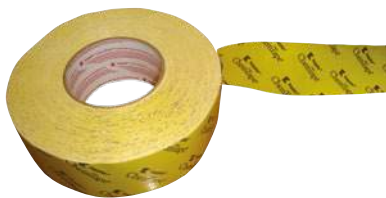
CHEMICAL PROTECTION

TYPE 3-2-1

INDICATED FOR PROTECTION AGAINST MULTIPLE CHEMICAL AGENTS, THIS WIDE RANGE OFFERS A HIGH LEVEL OF PROTECTION AGAINST CHEMICAL AGENTS, EVEN IN HIGH CONCENTRATIONS, AND OUTSTANDING MECHANICAL RESISTANCE.

RECOMMENDED FOR

- ALL COMPANIES AND ACTIVITIES THAT REQUIRE EXTREME PROTECTION AGAINST CHEMICAL AGENTS



MC3425E0 CHEMTAPE

COLOUR: yellow

- Suitable for sealing gloves and boots to the coverall
- Length 54 m
- Width 5 cm



MC3420P0 CHEMICAL TECH COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 14126 EN 1149-5

MATERIAL: Multilayer polypropylene and polyethylene fabric, 90 g/m²

COLOUR: royal blue

SIZES: M-3XL

- Concealed double zipper closure with adhesive flap
- Elasticated hood, cuffs and ankles
- Additional self-adhesive protective band on neck
- Thumbhole elastic
- Reinforcement fabric on the knee area
- The coverall provides good resistance thanks to the multilayer material and excellent chemical and bacteriological protection also guaranteed by the taped seams
- Pack of 20 pieces



MC3422E0 CHEMICAL BIO COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B EN 14126 EN 1149-5 EN 1073-2

MATERIAL: Multilayer polypropylene and polyethylene fabric, 90 g/m²

COLOUR: yellow

SIZES: M-2XL

- Concealed double zipper closure with adhesive flap
- Knee reinforcement fabric
- Elasticated hood, cuffs and ankles
- Thumbhole elastic
- The coverall provides excellent chemical and biological protection, guarantees protection against radioactive contamination and against chemical liquid splashes thanks to the heat-sealed taped seams
- Pack of 12 pieces

EN 943



MC3430H0
INTERCEPTOR PLUS COVERALL
 EN 943-1 TYPE 1A EN 943-2 TYPE 1A ET

MATERIAL: 325 g/m² multi-layer fabric
COLOUR: orange
SIZES: S-3XL

- Fully encapsulated gas suit to be used with self-contained breathing apparatus with autonomous air supply through cylinders
- Taped seams both inside and outside
- Gas-tight zipper closure covered with double flap
- Built-in shoe covers to be fitted in the boots (not included)
- Built-in gloves with double protection, chemical protection inside, butyl outside
- Protection against a wide range of chemical agents



NEW

ELASTICATED HOOD, CUFFS AND ANKLES

135 G ANTISTATIC LAMINATED MULTI-LAYER FABRIC

EXTREMELY SOFT AND FLEXIBLE MATERIAL

CONCEALED DOUBLE ZIPPER CLOSURE

WHITE WITH GREY HEAT-SEALED SEAMS FOR BETTER IDENTIFICATION



NEW

ELASTICATED HOOD, CUFFS AND ANKLES

220 G LAMINATED MULTI-LAYER FABRIC

HEAT-SEALED SEAMS

CONCEALED ZIPPER CLOSURE

KNEE REINFORCEMENT FABRIC



MC3426B0

SIZES: S-3XL
 Pack of 10 pieces

CHEMMAX 2 COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B
 EN 13034 TYPE 6B EN 1149-5 EN 14126 EN 1073-2

MECHANICAL FEATURES

MAIN FEATURES	CLASS
Abrasion resistance	6
Flexural strength	6
Trapezoidal tear test	5
Tensile strength	3
Penetration resistance	2



MC3429S0

SIZES: S-3XL
 Pack of 10 pieces

CHEMMAX 4 PLUS COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B
 EN 13034 TYPE 6B EN 1149-5 EN 14126 EN 1073-2

MECHANICAL FEATURES

MAIN FEATURES	CLASS
Abrasion resistance	6
Flexural strength	2
Trapezoidal tear test	6
Tensile strength	4
Penetration resistance	2

MULTI-PURPOSE PROTECTION CLOTHING: GUIDELINES OF EUROPEAN STANDARDS



EN 1149

It is the European standard for protective clothing against the hazards caused by static electricity. This standard is not applicable for protection against high voltages.

FEATURE	REQUIREMENT
SEMI-ATTENUATION TIME OF THE CHARGE (EN 1149-3)	$T_{50} < 4 \text{ S}$
SHIELDING FACTOR (EN 1149-3)	$S > 0,2$



EN 13034

Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (type 6 equipment). This standard specifies the minimum requirements for limited use and reusable limited performance chemical protective clothing.

Limited performance chemical protective clothing is intended for use in cases of a potential exposure to a light spray, liquid aerosols or low pressure, low volume splashes, against which a full liquid permeation barrier (at the molecular level) is not required.



EN ISO 20471

The standard specifies safety requirements and test methods for high-visibility clothing, designed to improve the visibility of the wearer in dangerous situations, in any daytime lighting condition and in any headlights illumination in the dark.

This standard defines the performance class (x), related to the surface of retro-reflective and fluorescent material (3 levels, where 3 is the highest).



EN ISO 11611

This standard specifies the basic safety requirements and test methods for protective clothing to be used in welding and associated processes (excluding hand protection).

The standard specifies two classes with specific performance requirements:

- CLASS 1 protection against less hazardous welding operations, causing lower levels of splashes and moderate radiant heat.
- CLASS 2 protection against more hazardous welding operations, causing higher levels of splashes and more intense radiant heat



EN ISO 11612

The performance requirements set out in this international standard are applicable to garments which may be worn in a wide range of applications, where there is a need for clothing with limited flame spread properties and where the user may be exposed to radiant, convective, contact heat, contact with flames or molten metal splashes.

A. Burning behaviour

- A) no puncture;
- B) no flaming;
- C) no debris;
- D) after-flame time ≤ 2 s;
- E) after-glow time ≤ 2 s.

B. Convective heat

Garments that claim to offer protection against convective heat shall meet at least performance level B1 in the following table:

PERFORMANCE LEVEL	HTI 24(s)	
	MIN	MAX
B1	4.0	< 10.0
B2	10.0	< 20.0
B3	20.0	

C. Radiant heat

Tested at a heat flow density of 20 kW/m², garments that are claimed to offer protection against radiant heat shall meet at least performance level C1 in the following table:

PERFORMANCE LEVEL	RHTI 24(s)	
	MIN	MAX
C1	7.0	< 20.0
C2	20.0	< 50.0
C3	50.0	< 95.0
C4	95.0	

D. Molten aluminium splashes

Garments that claim to offer protection against molten aluminium splashes shall meet at least performance level D1 in the following table:

PERFORMANCE LEVEL	MOLTEN ALUMINIUM (G)	
	MIN	MAX
D1	100	< 200
D2	200	< 350
D3	350	

E. Molten iron splashes

Garments that claim to offer protection against molten iron splashes shall meet at least performance level E1 in the following table:

PERFORMANCE LEVEL	MOLTEN IRON (g)	
	MIN	MAX
E1	60	< 120
E2	120	< 200
E3	200	

F. Contact heat

When tested at a temperature of 250° C, garments that are claimed to offer protection against contact heat shall meet at least performance level F1 in the following table:

PERFORMANCE LEVEL	THRESHOLD TIME (s)	
	MIN	MAX
F1	5.0	< 10.0
F2	10.0	< 15.0
F3	15.0	



EN ISO 14116

Protective clothing complying with this standard are intended to protect workers against occasional and brief contact with minor ignition flames in conditions where there are no significant heat-related hazards and without the presence of another source of heat.

Classification is set on the determination of a limited flame spread index (1-3 where 3 is the highest level).



EN 342

It is the European standard for cold protective clothing (temperatures below -5° C). The requirements are set on two main criteria: thermal insulation and air permeability. Water penetration resistance and water vapour resistance R_{et} are not expressly required, but are optional.

- A – thermal insulation ($I_{cl} \geq 0,265$ m²k/w);
- B – air permeability class (1 – 3, where 3 is the highest level);
- C – water penetration resistance – optional (≥ 8000 Pa)
- D – water vapour resistance – optional ($R_{et} < 55$ m² Pa/w)



EN 343

It is the European standard for water resistant garments.

The garments certified in compliance with this standard assure protection against rain, snow, fog and humidity.

The clothing and seams are tested for their:

- A – water penetration resistance class (1 – 3, where 3 is the highest level);
- B – water vapour resistance class (1 – 3, where 3 is the highest level).



EN 61482

This standard refers to materials and garments that provide protection against an arc flash and related thermal effects. The test carried out is also known as the "box test".

There are two test method types:

- "box test" on the material, which is used to evaluate the response of the fabric during exposure to the arc in a flat configuration;
- "box test" on the garment, which requires only a visual assessment of the garment's performance.

The "box test" defines two classes, namely Class 1 and Class 2:

CLASS	ARC FLASH DURATION	TEST CURRENT
1 HRC	500 ms	4 kA
2 HRC	500 ms	7 kA



FLAME RETARDANT



THIS RANGE IS SUITABLE FOR PROTECTING THE OPERATOR FROM ACCIDENTAL CONTACT WITH MINOR FLAMES, MOLTEN METAL SPLASHES, LOW VALUES OF CONVECTIVE AND RADIANT HEAT, AND ACCIDENTAL ELECTRIC CONTACT OF SHORT DURATION UP TO 100 V. IT FEATURES REMARKABLE MULTI-PROTECTIVE PROPERTIES AND IS ABLE TO GUARANTEE A HIGH LEVEL OF COMFORT WHILE MAINTAINING SOFTNESS, LIGHTNESS AND BREATHABILITY.



100%
COTTON

315
G/M²

FABRIC WITH
**FLAME
RETARDANT**
TREATMENT

**RECOMMENDED
FOR**

- METALWORKING INDUSTRY
- METALLURGIC INDUSTRY
- FOUNDRIES
- PLASTIC MATERIALS PROCESSING
- GAS, WATER AND ELECTRICITY MANAGEMENT COMPANIES
- FIREFIGHTING TEAMS



EN ISO 11611 **MC5414R8**
FLAME RETARDANT JACKET

EN ISO 11611 A1 CLASS 1

EN ISO 11612 A1 B1 C1 E2 F1



MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green

SIZES: 44-62

- Chinese collar fastened with Velcro
- Concealed front zipper closure with metal snap buttons
- Side pockets and chest pocket with flap and snap buttons
- Elasticated cuffs
- THE JACKET MUST BE WORN IN COMBINATION WITH THE BIB-TROUSERS OR TROUSERS

MC5414H5 COLOUR: orange

MC5414Q4 COLOUR: blue

MC5414L7 COLOUR: red

EN ISO 11611 **MC5411R8**
FLAME RETARDANT TROUSERS

EN ISO 11611 A1 CLASS 1

EN ISO 11612 A1 B1 C1 E2 F1



MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green

SIZES: 40-62

- Metal zipper fly and button
- Side welt pockets
- Back pocket with flap and snap button
- THE TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET

MC5411H5 COLOUR: orange

MC5411Q4 COLOUR: blue

MC5411L7 COLOUR: red

EN ISO 11611 **MC5410R8**
FLAME RETARDANT HOOD

EN ISO 11611 A1 CLASS 1

EN ISO 11612 A1 B1 C1 E2 F1



MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green

SIZES: one size fits all

- Lining: flame retardant fabric
- Shoulder-length
- Aluminised kevlar inserts to protect the ear area
- Front opening adjustable with Velcro
- Rear elastic

FLAME RETARDANT



EN ISO 11611 **MC5417R8**
FLAME RETARDANT COVERALL
EN ISO 11611 A1 CLASS 1
EN ISO 11612 EN ISO 11612 A1 B1 C1 E2 F1



MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green

SIZES: 44-62

- Concealed metal zipper closure fastened with Velcro
- Elasticated cuffs
- Side pockets and chest pocket with flap and Velcro
- Elastic waistband
- Ankle zipper closures

MC5417H5 COLOUR: orange

MC5417Q4 COLOUR: blue

MC5417L7 COLOUR: red



FB1625
FIRE SHIELD VISOR
EN 166 BT 3 4 , VISOR EN 166

COLOUR: clear lens 2C-1,2 1 B

SIZES: one size fits all

- Face goggles in heat and flame resistant material
- Double lens: scratch resistant polycarbonate outside and acetate with anti-fog treatment inside
- Openable and adjustable elastic in flame retardant material
- Visor in polycarbonate, adjustable up to four positions and with ventilation holes





EN ISO 11611 EN ISO 11612



MC5413R8
FLAME RETARDANT BIB-TROUSERS

EN ISO 11611 A1 CLASS 1
EN ISO 11612 A1 B1 C1 E2 F1

MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green

SIZES: 44-62

- Metal zipper fly
- Functional side pockets with flap and Velcro
- Back pocket on the right side
- Back elastic waistband and metal side buttons
- Elasticated shoulder straps with metal buckles
- THE BIB-TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET

MC5413H5 COLOUR: orange

MC5413Q4 COLOUR: blue

MC5413L7 COLOUR: red

CARBOFLAME SERIES

DESIGNED FOR OIL
& GAS INDUSTRY

RECOMMENDED FOR

- PETROCHEMICAL INDUSTRY
- OIL & GAS INDUSTRIES
- OFFSHORE
- MINING INDUSTRY

THE **CARBOFLAME SERIES**, FLAME RETARDANT AND ANTISTATIC, PROTECTS THE OPERATOR FROM ACCIDENTAL CONTACT WITH MINOR FLAMES, MOLTEN METAL SPLASHES AND ACCIDENTAL ELECTRIC CONTACT OF SHORT DURATION.

THE **LIGHT CARBOFLAME** COVERALL, DESIGNED FOR HOT ENVIRONMENTS, IS SUITABLE FOR WELDING OPERATIONS AND GUARANTEES A HIGH LEVEL OF PROTECTION WHILE MAINTAINING LIGHTNESS AND BREATHABILITY OF THE FABRIC.

HEAVY CARBOFLAME, THANKS TO ITS 150 G/M² PADDING, IS IDEAL FOR PROTECTION IN ENVIRONMENTS EXPOSED TO EXTREMELY COLD TEMPERATURES, IS FLAME RETARDANT AND ANTISTATIC AND SUITABLE FOR PROTECTION AGAINST ACCIDENTAL CONTACT WITH MINOR FLAMES, MOLTEN METAL SPLASHES, LOW VALUES OF CONVECTIVE AND RADIANT HEAT AND FROM ACCIDENTAL SHORT-TERM ELECTRICAL CONTACT.





EN ISO 11612 EN 1149



MC6214Q4
FLAMESTAT POLO SHIRT
 EN ISO 11612 A1 B1 C1 EN 1149-5

MATERIAL: Piquet fabric
 54% modacrylic, 43% cotton
 and 3% conductive fibre, 215 g/m²

COLOUR: blue

SIZES: XS-4XL

- Flame retardant and antistatic properties
- Collar with concealed snap buttons
- Elastic knitted cuffs



EN ISO 11612 EN 1149



MC6212Q4
FLAMESTAT SWEATSHIRT
 EN ISO 11612 A1 B1 C1 EN 1149-5

MATERIAL: 53% modacrylic, 44% cotton
 and 3% conductive fibre, 370 g/m²

COLOUR: blue

SIZES: XS-4XL

- Flame retardant and antistatic properties
- Knitted turtleneck collar with concealed metal zipper closure
- Elastic knitted cuffs and waistband

LIGHT CARBOFLAME



MC5627H5
LIGHT CARBOFLAME COVERALL
 EN ISO 11611 A1 CLASS 1
 EN ISO 11612 A1 B1 C1 E1 EN 1149-5

MATERIAL: 99% cotton, 1% carbon fibre, 230 g/m²
COLOUR: orange
SIZES: XS-3XL

- Shirt collar
- Two-way concealed central zipper closure with flap and Velcro
- Chest zipper pockets with flap and Velcro
- Loop for gas detector
- Pocket on left sleeve with flap and Velcro
- Exterior-to-interior access on the sides
- Front slanted pockets with flap and Velcro
- Side elastic waistband
- Two back pockets with flap and Velcro
- Knee pad pockets
- Ruler pocket with flap and Velcro
- Reflective bands on shoulders, legs and sleeves
- Triple stitching

MC5627Q4 COLOUR: blue
MC5627L5 COLOUR: red

99%

COTTON

1%

CARBON FIBRE

230

G/M²



CARBOFLAME



MC5637H5
CARBOFLAME COVERALL
 EN ISO 11612 A1 B1 C1 E1 F1
 EN 1149-5 IEC EN 61482-1-2 CLASS 1

MATERIAL: 87% cotton, 12% nylon and 1% carbon fibre, 255 g/m²

COLOUR: orange
SIZES: XS-3XL

- Shirt collar
- Two-way concealed central zipper closure with flap and Velcro
- Chest zipper pockets with flap and Velcro
- Loop for gas detector
- Pocket on left sleeve with flap and Velcro
- Front slanted pockets with flap and Velcro
- Exterior-to-interior access on the sides
- Two back pockets with flap and Velcro
- Side elastic waistband
- Knee pad pockets
- Ruler pocket with flap and Velcro
- Reflective bands on shoulders, legs and sleeves
- Triple stitching

MC5637Q4 COLOUR: blue
MC5637L5 COLOUR: red

87%

COTTON

12%

NYLON

1%

CARBON FIBRE

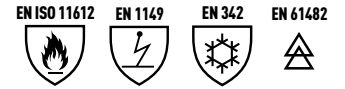
255

G/M²



HEAVY CARBOFLAME

OUTER FABRIC		PADDING		LINING	
87% COTTON	255 G/M ²	100% ARAMID	150 G/M ²	50% LENZING	130 G/M ²
12% NYLON				50% ARAMID	
1% CARBON FIBRE					



MC5614H5
HEAVY CARBOFLAME JACKET
EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5
EN 342 IEC EN 61482-1-2 CLASS 1

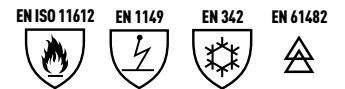
MATERIAL: 87% cotton, 12% Nylon and 1% carbon fibre, 255 g/m²; padding 100% aramid, 150 g/m²; lining 50% Lenzing®, 50% aramid, 130 g/m²

COLOUR: orange
SIZES: XS-3XL

- Concealed central metal zipper closure with flap and Velcro
- Detachable padded hood with metal zipper
- Elastic cuffs
- Two chest pockets and two lower wide pockets with flap and Velcro
- Waistband with adjustable drawstring
- Reflective band on hood, waist and sleeves
- THE JACKET MUST BE WORN IN COMBINATION WITH THE BIB-TROUSERS

MC5614Q4 COLOUR: blue

MC5614L5 COLOUR: red



MC5613H5
HEAVY CARBOFLAME BIB-TROUSERS
EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5
EN 342 IEC EN 61482-1-2 CLASS 1

MATERIAL: 87% cotton, 12% Nylon and 1% carbon fibre, 255 g/m²; padding 100% aramid, 150 g/m²; lining 50% Lenzing®, 50% aramid, 130 g/m²

COLOUR: orange
SIZES: XS-3XL

- Elastic shoulder straps with adjustable buckles
- Concealed central metal zipper closure with flap and Velcro
- Side welt pockets with flap and Velcro
- Side elastic waistband
- Concealed adjustment metal zipper with flap and Velcro on the bottom of the leg
- Reflective band
- THE BIB-TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET

MC5613Q4 COLOUR: blue

MC5613L5 COLOUR: red



restyled



EN ISO 11612



MC5617H5

HEAVY CARBOFLAME COVERALL

EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5 EN 342

IEC EN 61482-1-2 CLASS 1

EN 1149



MATERIAL: 87% cotton, 12% Nylon and 1% carbon fibre, 255 g/m²; padding 100% aramid, 150 g/m²; lining 50% Lenzing®, 50% aramid, 130 g/m²

COLOUR: orange

SIZES: XS-3XL

EN 342



EN 61482



- Concealed central zipper closure with flap and Velcro
- Chest zipper pockets with flap and Velcro
- Ruler pocket with flap and Velcro
- Detachable padded hood with metal zipper
- Side elastic waistband
- Loop for gas detector
- Reflective bands on hood, shoulders, legs and sleeves

MC5617Q4 COLOUR: blue

MC5617L5 COLOUR: red

EN ISO 11612



MC5610Q4 CARBOFLAME UNDERSHIRT

EN ISO 11612 A1 A2 B1 C1 F1 EN 1149-5 CEI EN 61482-1-1

CEI EN 61482-1-2 CLASS 1

EN 1149



MATERIAL: 63% FR Modal, 34% aramid, 2% spandex and 1% antistatic fibre, 200 g/m²

COLOUR: blue

SIZES: S-3XL

EN 61482



- Undershirt in technical stretch fabric with flame retardant and antistatic protection, also protecting from the heat developed by the arc flash
- Turtleneck
- Chain stitching in red colour

EN ISO 11612



MC5620Q4 CARBOFLAME UNDERPANTS

EN ISO 11612 A1 A2 B1 C1 F1 EN 1149-5 CEI EN 61482-1-1

CEI EN 61482-1-2 CLASS 1

EN 1149



MATERIAL: 63% FR Modal, 34% aramid, 2% spandex and 1% antistatic fibre, 200 g/m²

COLOUR: blue

SIZES: S-3XL

EN 61482



- Underpants in technical stretch fabric with flame retardant and antistatic protection, also protecting from the heat developed by the arc flash
- Ergonomic fit
- Chain stitching in red colour

EN 13911



MC2433Q0

FIREFIGHTER BALACLAVA

EN 13911 EN 1149-5

EN 1149



MATERIAL: 56% M-Aramid Nomex®, 31% viscose FR, 6% polyamide, 3% P-Aramid Kevlar®, 2% carbon fibre P-140, 2% elastane

COLOUR: blue

SIZES: one size fits all



- Recommended for firefighters in situations of thermal risk, contact heat and radiant heat
- Highly breathable and lightweight



MULTINORM RANGE

POLYTECH RANGE, MADE WITH A MULTI-PURPOSE FABRIC THAT OFFERS PROTECTION AGAINST ARC FLASH AND COMBINES HIGH ANTISTATIC PROPERTIES WITH RESISTANCE TO FLAME, HEAT AND CHEMICALS.

POLYTECH COLOUR RANGE: IT CAN BE FULLY CUSTOMISED BY CHOOSING FROM AMONG 6 DIFFERENT SHADES FOR THE SINGLE PARTS COMPOSING THE GARMENT.

POLYTECH PLUS RANGE: IT IS CERTIFIED FOR FLASH ARC IN CLASS 2 AND, THANKS TO ITS INHERENTLY FLAME RETARDANT FABRIC, THE PROTECTION IS BUILT INTO THE FIBRES THEMSELVES AND CAN NEVER BE WORN AWAY OR WASHED OUT.

SUPERTECH RANGE: SIX DIFFERENT PROTECTIONS IN A SINGLE PRODUCT.

FLAME RETARDANT, ANTISTATIC, HEAT RESISTANT, GUARANTEES CHEMICAL PROTECTION AND IT IS ALSO HIGH VISIBILITY. ITS MULTI-PURPOSE FEATURES ALSO ENSURE COMFORT AND BREATHABILITY.

RECOMMENDED FOR

- PETROCHEMICAL INDUSTRY
- METALWORKING INDUSTRY
- REFINING INDUSTRY
- CHEMICAL INDUSTRY
- INDUSTRIAL MAINTENANCE AND ASSEMBLIES
- GAS, WATER AND ELECTRICITY MAINS MAINTENANCE AND MANAGEMENT
- OFFSHORE



POLYTECH

NEW FITTING

WEIGHT
355
GR/M²



75%
COTTON

24%
POLYESTER

1%
ANTISTATIC
FIBRE

280
GR/M²



MODEL WITH
KNEE PAD POCKET
AVAILABLE UPON
REQUEST

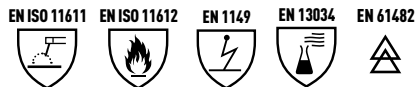
MC5741Q5
Polytech trousers with knee pad pocket

MC5751Q5
Polytech trousers 360 with knee pad pocket

NEW



PADDING
150
GR/M²



MC5715Q5 PADDED POLYTECH JACKET

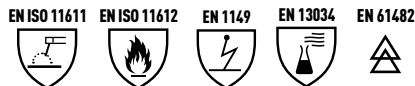
EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 CEI EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²; padding 100% aramid fibre, 150 g/m²; lining 50% Lenzing®, 50% aramid fibre, 130 g/m²

COLOUR: blue

SIZES: S-3XL

- Concealed central zipper closure with internal and external flap with Velcro
- Lower pockets with Velcro
- Cuffs with internal 3 cm elastic
- Elasticated bottom



01 MC5714Q5 POLYTECH JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: blue

SIZES: 40-64

- THE JACKET MUST BE WORN IN COMBINATION WITH THE BIB-TROUSERS OR TROUSERS
- Chinese collar with Velcro
- Concealed front zipper closure with metal snap buttons
- Two lower pockets and two chest pockets with flap and Velcro
- Elasticated cuffs
- Military style epaulettes on shoulders
- Reflective piping on chest

02 MC5724Q5 POLYTECH 360 JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

SIZES: 44-62

- In winter fabric 355 g/m²

No picture:

MC5761Q5 PADDED POLYTECH TROUSERS

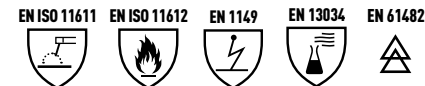
EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 CEI EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²; padding 100% aramid fibre, 150 g/m²; lining 50% Lenzing®, 50% aramid fibre, 130 g/m²

COLOUR: blue

SIZES: 40-64

- Knee pad pocket



03 MC5711Q5 POLYTECH TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: blue

SIZES: 42-64

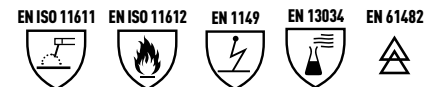
- THE TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET
- Fly with zipper and button
- Two front welt pockets
- Back pocket with flap and Velcro
- Two three-dimensional functional pockets with flap and Velcro

04 MC5721Q5 POLYTECH 360 TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

SIZES: 44-62

- In winter fabric 355 g/m²



MC5717Q5 POLYTECH COVERALL

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: blue

SIZES: 44-62

- Shirt collar
- Military style epaulettes on shoulders
- Two-way concealed central zipper closure with snap buttons
- Two chest pockets with flap and Velcro
- Two front pockets with flap and Velcro
- Elasticated cuffs
- Elastic waistband
- Reflective piping on chest

No picture:

MC5713Q5 POLYTECH BIB-TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: blue

SIZES: 40-64

- THE BIB-TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET
- Fly with metal zipper
- Two front pockets with flap and Velcro
- Back elasticated waistband
- Back pocket with flap and Velcro
- Elastic shoulder straps with quick-fastening buckles



POLYTECH COLOR

75%

COTTON

24%

POLYESTER

1%

ANTISTATIC
FIBRE

280

GR/M²



EN ISO 11611 EN ISO 11612 EN 1149 EN 13034 EN 61482



MC5737

POLYTECH COLOR COVERALL

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5
EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre,
280 g/m²

COLOUR: various colours

SIZES: 44-62

- Shirt collar
- Military style epaulettes on shoulders
- Two-way concealed central zipper closure with snap buttons
- Two chest pockets with flap and Velcro
- Two front pockets with flap and Velcro
- Elasticated cuffs
- Elastic waistband
- Reflective piping on chest



**NEW
FITTING**



EN ISO 11611 EN ISO 11612 EN 1149 EN 13034 EN 61482



MC5734PH

POLYTECH COLOR JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3
EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: various colours

SIZES: 44-62

- Chinese collar with Velcro
- Concealed front zipper closure with metal snap buttons
- Two chest pockets and two lower pockets with flap and Velcro
- Elasticated cuffs
- Military style epaulettes on shoulders
- Reflective piping on chest

EN ISO 11611 EN ISO 11612 EN 1149 EN 13034 EN 61482



MC5731PH

POLYTECH COLOR TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3
EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: various colours

SIZES: 44-62

- Fly with zipper and button
- Two front welt pockets
- Back pocket with flap and Velcro
- Two three-dimensional functional pockets with flap and Velcro

AVAILABLE COLOURS



H5 ORANGE



S6 BOTTLE GREEN



P8 ROYAL BLUE



L5 RED



Q5 BLUE



B4 MOUSEY GREY

POLYTECH PLUS

**DOUBLE-LAYER
CONCEPT**

OUTER FABRIC

65%

LENZING® FR VISCOSE

250

GR/M²

22%

ARAMID

12%

POLYAMIDE

1%

DISSIPATIVE FIBRE

INNER FABRIC

64%

LENZING® FR VISCOSE

150

GR/M²

35%

ARAMID

1%

DISSIPATIVE FIBRE

ELECTRIC ARC

7kA 

CLASS 2

CEI EN 61482



POLYTECH PLUS

 **Lenzing FR®**
THE HEAT PROTECTION FIBER



01 MC5814PR POLYTECH PLUS JACKET

EN ISO 11611 A1 A2 CLASS 1 EN ISO 11612 A1 A2 B1 C1 D1 E1 F1 EN 1149-5
EN 13034 TYPE 6 IEC EN 61482-1-1 IEC EN 61482-1-2 CLASS 2

MATERIAL: Laminated multi-protection fabrics: outer fabric 65% Lenzing® FR viscose, 22% aramid, 12% polyamide, 1% dissipative fibre, 250 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: royal blue/blue

SIZES: 44-62

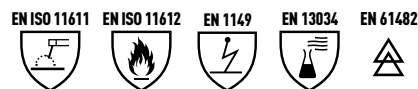
- Concealed zipper closure with flap and Velcro
- Two chest pockets with flap and Velcro, one of which is featuring a mobile phone pocket and a pen holder
- Two pockets with flap
- Reflective bands on the shoulders

02 MC5814EG COLOUR: high visibility yellow/blue

03 MC5814CC COLOUR: grey/black

04 MC5814LE COLOUR: red/grey

05 MC5814PQ COLOUR: royal blue/high visibility yellow



06 MC5811PR POLYTECH PLUS TROUSERS

EN ISO 11611 A1 A2 CLASS 1 EN ISO 11612 A1 A2 B1 C1 D1 E1 F1 EN 1149-5 EN 13034 TYPE 6
IEC EN 61482-1-1 IEC EN 61482-1-2 CLASS 2

MATERIAL: Laminated multi-protection fabrics: outer fabric 65% Lenzing® FR viscose, 22% aramid, 12% polyamide, 1% dissipative fibre, 250 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: royal blue/blue

SIZES: 44-62

- Fly with zipper and button
- Two welt pockets
- Two back pockets with flap and Velcro
- Two utility pockets with flap and Velcro, one of which featuring a mobile phone holder
- Preformed wear-and-tear reinforcement on the knees
- Reflective bands

07 MC5811EG COLOUR: high visibility yellow/blue

08 MC5811CC COLOUR: grey/black

09 MC5811LE COLOUR: red/grey

10 MC5811PQ COLOUR: royal blue/
high visibility yellow



NEW



03



04



05

NEW



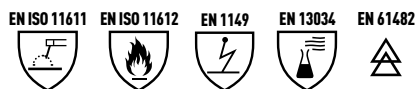
08



09



10



11 MC5813PR POLYTECH PLUS BIB-TROUSERS

EN ISO 11611 A1 A2 CLASS 1 EN ISO 11612 A1 A2 B1 C1 D1 E1 F1 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-1 IEC EN 61482-1-2 CLASS 2

MATERIAL: Laminated multi-protection fabrics: outer fabric 65% Lenzing® FR viscose, 22% aramid, 12% polyamide, 1% dissipative fibre, 250 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: blue/royal blue

SIZES: 44-62

- Fly with zipper
- Double pocket and pen holder with flap and Velcro on the bib
- Two welt pockets
- Back pocket with flap and Velcro
- Ruler pocket
- Utility pocket with flap and Velcro
- Preformed wear-and-tear reinforcement on the knees
- Reflective bands

12 MC5813EG COLOUR: high visibility yellow/blue

No picture:

MC5824HG POLYTECH PLUS JACKET

MC5821HG POLYTECH PLUS TROUSERS

MC5823HG POLYTECH PLUS BIB-TROUSERS

MATERIAL: outer fabric 43% Lenzing® FR viscose, 31% polyester FR, 21% meta-aramid, 4% para-aramid, 1% dissipative fibre, 290 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: high visibility orange/blue

SIZES: 44-62



SUPERTECH

SIX DIFFERENT PROTECTIONS IN A SINGLE PRODUCT: **SUPERTECH** IS **FLAME RETARDANT**, **ANTISTATIC**, **PROTECTS FROM ARC FLASH** AND FROM **HEAT**, GUARANTEES **CHEMICAL PROTECTION** AND IT IS ALSO **HIGH VISIBILITY**. ITS **MULTI-PURPOSE** FEATURES ALSO ENSURE COMFORT AND BREATHABILITY.



75%
COTTON

24%
POLYESTER

1%
ANTISTATIC
FIBRE

280
GR/M²



MC5917ED
SUPERTECH COVERALL

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1
EN 1149-5 EN 13034 TYPE 6 EN ISO 20471 CLASS 3
IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester, 1% antistatic fibre, 280 g/m²

COLOUR: high visibility yellow/blue

SIZES: 44-62

- Chinese collar with Velcro
- Two-way concealed central zipper closure with snap buttons
- Two chest pockets with flap and Velcro
- Side pockets with flap and Velcro
- Elastic waistband on sides
- Double reflective band on chest, sleeves and legs



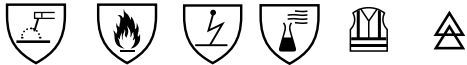
NEW



PADDING
150
GR/M²



EN ISO 11611 EN ISO 11612 EN 1149 EN 13034 EN ISO 20471 EN 61482



MC5918ED SUPERTECH PADDED JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1
EN 1149-5 EN 13034 TYPE 6 EN ISO 20471 CLASS 2
CEI EN 61482-1-2 CLASS 1

MATERIAL: Outer fabric 75% cotton, 24% polyester, 1% antistatic fibre, weight 280 g/m²; padding 100% aramid, weight 150 g/m²; lining 50% Lenzing®, 50% aramid, weight 130 g/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- Concealed central zipper closure with inner flap fastened with Velcro
- 3 cm elasticated cuffs
- Elasticated bottom
- Double reflective band on sleeves and chest and single band on shoulders
- Inner pocket



EN ISO 11611 **MC3538E1 SUPERTECH WAISTCOAT**

EN ISO 11611 A1 CLASS 1
EN ISO 11612 A1 B1 C1 E1 EN 1149-5
EN ISO 20471 CLASS 2

MATERIAL: 75% cotton, 24% polyester, 1% antistatic fibre, 280 g/m²

COLOUR: high visibility yellow

SIZES: S-3XL

- Concealed central zipper closure with Velcro
- Double reflective band on chest

EN ISO 11611 EN ISO 11612 EN 1149 EN 13034 EN ISO 20471 EN 61482



MC5914ED SUPERTECH JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1
EN 1149-5 EN 13034 TYPE 6 EN ISO 20471 CLASS 3
IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester, 1% antistatic fibre, 280 g/m²

COLOUR: high visibility yellow/blue

SIZES: 42-62

- THE JACKET MUST BE WORN IN COMBINATION WITH THE TROUSERS
- Chinese collar with Velcro
- Concealed front zipper closure with metal snap buttons
- Two chest pockets with flap and Velcro
- Elastic cuffs
- Inner wallet pocket
- Double reflective band on sleeves and waist
- Reflective piping on chest

EN ISO 11611 EN ISO 11612 EN 1149 EN 13034 EN ISO 20471 EN 61482



MC5911ED SUPERTECH TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1
EN 1149-5 EN 13034 TYPE 6 EN ISO 20471 CLASS 3
IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester, 1% antistatic fibre, 280 g/m²

COLOUR: high visibility yellow/blue

SIZES: 42-62

- THE TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET
- Fly with zipper and button
- Side welt pockets
- Back pocket with flap and Velcro
- Two three-dimensional functional pockets with flap and Velcro
- Double reflective band



MODEL WITH KNEE PAD POCKET AVAILABLE UPON REQUEST

MC5921ED

Supertech trousers with knee pad pockets

No picture:

MC5931ED PADDED SUPERTECH TROUSERS

- Padding 150 gr/m²
- Knee pad pockets



MULTINORM KNITWEAR



EN ISO 11612 **MC5729N7**
POLYTECH SHIRT
 EN ISO 11612 A1 C1 EN 1149-5 EN 13034 TYPE PB6



MATERIAL: 99% cotton and 1% dissipative fibre, 180 g/m²
COLOUR: light blue
SIZES: 37-48

- Flame retardant, anti-acid and antistatic properties
- Concealed closure with snap buttons
- Two chest pockets with flap and concealed snap buttons
- Cuffs with snap buttons and Velcro fastening

MC5729Q7 **COLOUR:** navy blue **SIZES:** 37-48

NEW



EN ISO 14116 **MC6222EG**
MARILENE T-SHIRT
 EN ISO 14116 EN 1149-5 EN ISO 20471 CLASS 2



MATERIAL: 100% FR antistatic polyester, 180 g/m²
COLOUR: high visibility yellow/navy blue
SIZES: S-3XL

- Round neck model
- Short sleeves
- Double reflective band on chest and single band on shoulders
- T-shirt bottom in contrasting colour

NEW



EN ISO 14116 **MC6224Q7**
GINKO POLO SHIRT
 EN ISO 14116 EN 1149-5



MATERIAL: 100% FR antistatic polyester, 180 g/m²
COLOUR: navy blue
SIZES: S-3XL

- Long sleeved polo shirt with single reflective band on chest and sleeves

NEW



EN ISO 14116 **MC6223EG**
GOMEZ POLO SHIRT
 EN ISO 14116 EN 1149-5 EN ISO 20471 CLASS 2



MATERIAL: 100% FR antistatic polyester, 180 g/m²
COLOUR: high visibility yellow/navy blue
SIZES: S-3XL

- Long sleeved model
- Double reflective band on chest and sleeves and single band on shoulders
- Collar, cuffs and bottom in contrasting colour



MC6215ED
SUPERTECH POLO SHIRT
EN 1149-5 EN ISO 20471 CLASS 2

MATERIAL: Piquet fabric, outer 100% polyester, lining 97% cotton and 3% dissipative fibre, 210 g/m²
COLOUR: high visibility yellow/blue
SIZES: S-3XL

- Shirt collar
- Concealed buttons closure
- Blue knitted cuffs and collar
- Double reflective band on chest and sleeves
- Antistatic

NEW



MC6220EC
PIREX SWEATSHIRT
EN ISO 11612 EN 1149-5 EN ISO 20471 CLASS 2
CEI EN 61482-1-2 CLASS 1

MATERIAL: 53% modacrylic, 44% cotton and 3% conductive fibre, 360 g/m²
COLOUR: high visibility yellow/blue
SIZES: S-3XL

- Concealed zipper closure
- Internal and external flap
- Double reflective band on sleeves and chest

NEW



MC6221EC
SIDNEY FLEECE
EN ISO 11612 A1 B1 C1 EN 1149-5 EN ISO 20471 CLASS 2
CEI EN 61482-1-2 CLASS 1

MATERIAL: 50% modacrylic, 30% cotton and 18% polyester, 2% conductive fibre, 350 g/m²
COLOUR: high visibility yellow/blue
SIZES: S-3XL

- Central zipper closure
- Internal and external flap
- Collar, bottom and forearm in contrasting dirt-resistant fabric
- 3 cm elasticated cuffs
- Double reflective band on sleeves and chest

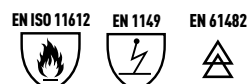


MC6219EC
SULTAN POLO SHIRT
EN ISO 11612 A1 B1 C1 EN 1149-5 EN ISO 20471 CLASS 2
CEI EN 61482-1-2 CLASS 1

MATERIAL: 60% modacrylic, 38% cotton and 2% conductive fibre, 210 g/m²
COLOUR: high visibility yellow/blue
SIZES: S-3XL

- Collar with concealed buttons closure
- Ribbed knit fabric cuffs and collar
- Side slits
- Double reflective band on sleeves and chest

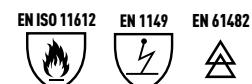
NEW



MC6218Q5
CARLOS POLO SHIRT
EN ISO 11612 A1 B1 C1 EN 1149-5 CEI EN 61482-1-2 CLASS 1

MATERIAL: 60% modacrylic, 38% cotton and 2% conductive fibre, 210 g/m²
COLOUR: blue
SIZES: S-3XL

- Collar with concealed buttons closure
- Ribbed knit fabric cuffs and collar
- Side slits
- High visibility fabric inserts on the bottom of the sleeves
- Reflective band on sleeves and chest



MC6213Q4
FLAMESTAT FLEECE
EN ISO 11612 A1 B1 C1 EN 1149-5
CEI EN 61482-1-2 CLASS 1

MATERIAL: 45% modacrylic, 35% cotton, 16% polyester and 4% dissipative fibre, 250 g/m²
COLOUR: blue
SIZES: S-3XL

- Flame retardant and antistatic properties
- Turtleneck zippered collar



MULTINORM WEATHER RESISTANT CLOTHING



99%
POLYESTER

1%
DISSIPATIVE FIBRE

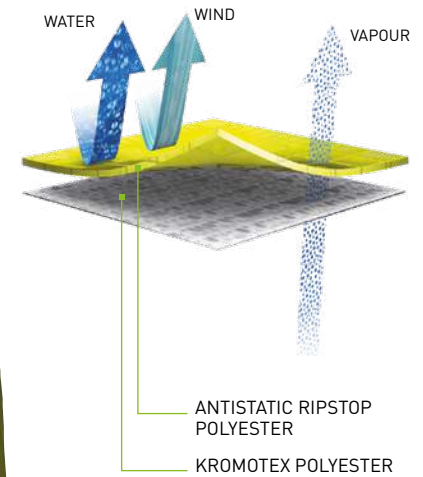
RECOMMENDED FOR

- PETROCHEMICAL INDUSTRY
- CHEMICAL INDUSTRY
- REFINING INDUSTRY
- MINING INDUSTRY
- OFFSHORE
- INSHORE
- INDUSTRIAL MAINTENANCE AND ASSEMBLIES
- GAS MANAGEMENT COMPANIES

NEW FITTING



MICROLINES POLY



MC6054ED MICROLINES POLY JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5
EN 13034 TYPE PB6 EN ISO 20471 CLASS 3 EN 343
IEC EN 61482-1-2 CLASS 1

MATERIAL: Outer fabric consisting of 99% polyester and 1% dissipative fibre; 100% cotton inner lining, padding with flame retardant treatment attached to the outer layer through a zip

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- Multinorm, breathable and waterproof, with antistatic, flame retardant, anti-acid and high visibility properties
- Two-way concealed zipper closure with double flap
- Foldaway lined hood
- Drawstring waistband
- ID Badge holder on chest
- Radio holder and two three-dimensional water resistant pockets
- Cuffs adjustable with Velcro
- Pen holder pocket
- Detachable inner part
- Two pockets in the lining



MC6021ED MICROLINES POLY TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5
EN 13034 TYPE PB6 EN ISO 20471 CLASS 3 EN 343
IEC EN 61482-1-2 CLASS 1

MATERIAL: Outer fabric consisting of 99% polyester and 1% dissipative fibre, lining 100% cotton

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- Antistatic, flame retardant, anti-acid and high visibility properties
- Side welt pockets
- Fly with button and zipper
- Elastic waistband on sides
- Back pocket with flap and Velcro



MULTINORM WEATHER RESISTANT CLOTHING



DETACHABLE
LINING



MC6034ED
MICROLINES SPLIT JACKET
EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6
EN ISO 20471 CLASS 3 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% FR cotton, padding 100% polyester

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- Two lower pockets with flap
- Mobile phone pocket on chest and two inner pockets
- Foldaway hood
- Elastic cuffs
- Drawstring waistband
- Two-way concealed zipper closure with flap
- Detachable lining

NEW



MC6044ED
MICROLINES JACKET

EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6
EN ISO 20471 CLASS 3 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% cotton FR, padding 100% polyester

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- Two-way concealed zipper closure with flap and snap buttons
- Foldaway hood
- Inner pocket closed with Velcro
- Two outer muff pockets
- Two waterproof pockets with flap and Velcro
- Elastic cuffs, adjustable with Velcro
- Drawstring waistband
- Double reflective band on chest and sleeves



MC6025ED
MICROLINES BODYWARMER

EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6
EN ISO 20471 CLASS 2 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, padding 100% polyester

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- Two-way concealed central zipper closure with internal and external flap
- Two three-dimensional lower pockets and muff pockets
- Elastic waistband on sides
- Longer rear part



**MC6015Q5
MICROLINES JACKET**

EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% cotton FR, padding 100% polyester

COLOUR: blue

SIZES: XS-3XL

- Two-way concealed zipper closure with flap and snap buttons
- Foldaway hood
- Detachable sleeves
- Inner wallet pocket fastened with Velcro
- Two waterproof pockets with flap and Velcro
- Elastic cuffs adjustable with Velcro



**MC6014Q5
MICROLINES JACKET**

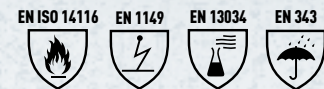
EN ISO 14116 EN 1149-5 EN 13034
TYPE PB6 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% FR cotton, padding 100% polyester

COLOUR: blue

SIZES: S-4XL

- Two-way concealed zipper closure with flap and snap buttons
- Foldaway hood
- Inner wallet pocket fastened with Velcro
- Two outer muff pockets
- Two waterproof pockets with flap and Velcro
- Elastic cuffs adjustable with Velcro
- Drawstring waistband



**MC6011Q5
MICROLINES TROUSERS**

EN ISO 14116 EN 1149-5
EN 13034 TYPE PB6 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% FR cotton, padding 100% polyester

COLOUR: blue

SIZES: S-2XL

- Fly with concealed zipper closure and flap
- Elastic waistband
- Two side zippered pockets
- Back pocket



EN ISO 14116



EN 1149



EN 13034



EN ISO 20471



EN 343



**MC6024H1
MICROLINES JACKET**

EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6
EN ISO 20471 CLASS 3 EN 343

MATERIAL: 98% polyester coated PU, 2% dissipative fibre, lining 100% cotton FR, padding 100% polyester

COLOUR: high visibility orange

SIZES: S-4XL

- Two-way concealed central zipper closure with flap and snap buttons
- Foldaway hood
- Inner wallet pocket fastened with Velcro
- Two outer muff pockets
- Two waterproof pockets with flap and Velcro
- Elastic cuffs adjustable with Velcro
- Drawstring waistband
- Double reflective band on chest and sleeves

MC6024E1 COLOUR: high visibility yellow



PROTECTION AGAINST MOLTEN METALS



EN ISO 11611 EN ISO 11612 EN 1149



MC6124B0 METAL SPLASH JACKET

EN ISO 11611 A1 CLASS 2
EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey

SIZES: 44-62

- Concealed central zipper closure with flap
- Chinese collar with flap and Velcro
- Elastic inner cuffs
- Four external pockets with flap and Velcro

No picture:

MC6114B0 METAL SPLASH JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E2 F1
EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m².

Flame Retardant breathable rear fabric

COLOUR: grey/red

SIZES: 44-62



EN ISO 11611 EN ISO 11612 EN 1149



MC6111B0 METAL SPLASH TROUSERS

EN ISO 11611 A1 CLASS 2
EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey

SIZES: 44-62

- Zipper closure and concealed button
- Two side pockets
- Back pocket with flap and Velcro

330

GR/M²

RECOMMENDED FOR

- ALUMINIUM INDUSTRY
- FOUNDRIES
- CONCRETE INDUSTRY



MA1125
SOLOMON GLOVE
EN 388 EN 407

MATERIAL: Heavy calfskin split leather with Kevlar stitching

COLOUR: yellow

SIZES: 10

- Back: heavy cotton cloth
- Cuff: 16 cm stiff cotton cloth with wrist protection
- Dexterity: 3



NEW METAL SPLASH IS A NEW GENERATION OF CLOTHES DESIGNED TO PROTECT THOSE WORKING IN PRESENCE OF INCANDESCENT METAL, EITHER IN FOUNDRIES OR WELDING SITES. THE GARMENTS ARE MADE OF **54% LENZING FR, 20% WOOL, 20% POLYAMIDE, 5% ARAMID, 1% ANTISTATIC FIBRE**, AN INNOVATIVE FABRIC WHICH, THANKS TO ITS UNIQUE COMPOSITION AND SURFACE TREATMENTS, FACILITATES THE DISPERSION AND SLIPPING OF METAL CASTINGS, REDUCING THE RISK OF PERFORATION AND BURNS, EVEN WHEN WORKING WITH ALUMINIUM. IN FACT, ALTHOUGH ALUMINIUM'S MELTING TEMPERATURE IS 660°C, IN THE FIRST STAGE OF COOLING IT DOES NOT LOSE CALORIC POWER, MAINTAINING ITS TEMPERATURE AND MELTING MOST CONVENTIONAL PROTECTIVE CLOTHING. THE **NEW METAL SPLASH** GARMENTS ARE WASHABLE, EXTREMELY RESISTANT AND VERY COMFORTABLE; THEY ARE 20-50% LIGHTER THAN TRADITIONAL FIRE RESISTANT GARMENTS. THEY ARE ALSO BREATHABLE AND THEREFORE REDUCE THE STRESS CAUSED BY STRAIN AND HEAT DUE TO HEAVY WORK IN EXTREMELY HOT ENVIRONMENTS.

ADVANTAGES: SUITABLE FOR PROTECTING THE OPERATOR FROM SHORT CONTACT WITH THE FLAME, IN THE PRESENCE OF LOW VALUES OF CONVECTIVE AND RADIANT HEAT. IT PROTECTS AGAINST WELDING OPERATIONS AND ALUMINIUM SPLASHES.

EN ISO 11611 EN ISO 11612 EN 1149



MC6118B0
METAL SPLASH CAPE

EN ISO 11611 A1 CLASS 2
EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey

SIZES: 2XS-3XL

- Ankle length
- Rear Velcro closure
- Chinese collar in blue Flame Retardant fabric
- Inner elasticated cuffs



EN ISO 11611 EN ISO 11612 EN 1149



MC6110B0
METAL SPLASH SHOE COVERS

EN ISO 11611 A1 CLASS 2
EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey

SIZES: one size fits all

- Height 38 cm, elastic around calf



EN ISO 11611 EN ISO 11612 EN 1149



MC6120B0
METAL SPLASH SLEEVES

EN ISO 11611 A1 CLASS 2
EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey

SIZES: one size fits all

- Length 40 cm
- Total coverage of the forearm
- Elastic on both sides

FIREFIGHTING



RECOMMENDED FOR

- FIREFIGHTERS
- FIRE PREVENTION TEAMS
- FORESTRY DEPARTMENTS



MB2415 FIREFIGHTER BOOTS

EN 15090 F2A HI3 P CI SRA,
EN 20345 S5 HI CI HRO SRA

COLOUR: black/yellow
SIZES: 39-47

- UPPER: vulcanised heat resistant rubber with handles, reinforcement on ankles' and heels' area
- LINING: heavy duty canvas cotton
- TOECAP: steel
- ANTI-PENETRATION PROTECTION: steel midsole
- INSOLES: anatomic and breathable
- SOLE: rubber tractor tread sole, fire resistant, anti-acid, wearproof, anti-slip, heat resistant and with hot/cold insulating features



MB2414 APOLLO 12 BOOTS

EN 15090 F2A HI3 AN CI SRC

COLOUR: black
SIZES: 38-47

- UPPER: full grain leather with Bycast reinforcement
- LINING: Puratex waterproof membrane
- TOECAP: steel
- ANTI-PENETRATION PROTECTION: Zero Penetration composite midsole
- INSOLES: antistatic Fustatic
- SOLE: nitrile rubber resistant up to 250°C, anti-slip SRC



EN 469 MC6311Q0
FIREFIGHTER JACKET
EN 469 X2 Y2 Z1

MATERIAL: 4-layer aramid fabric
COLOUR: dark blue
SIZES: 44-62

- THE JACKET MUST BE WORN IN COMBINATION WITH THE FIREFIGHTER BIB-TROUSERS OR OVERTROUSERS
- Concealed anti-panic safety zipper closure with Velcro
- High collar with Velcro fastening
- Side pocket with tool holder karabiner
- Side pockets covered with flap and Velcro
- Chest radio pocket with flap and Velcro
- Inner pocket fastened with Velcro
- Width adjustable sleeves
- Inner knit cuffs with sleeve-stop strings

EN 469 MC6312Q0
FIREFIGHTER OVERTROUSERS
EN 469 X2 Y2 Z1

MATERIAL: 4-layer aramid fabric
COLOUR: dark blue
SIZES: 44-62

- THE OVERTROUSERS MUST BE WORN IN COMBINATION WITH THE FIREFIGHTER JACKET
- High rear bib
- Adjustable elastic shoulder straps
- Elastic waistband
- Two pockets with flap and Velcro
- Two side pockets with Velcro
- Detachable knee protection
- Ankle zippers for an easier use with boots



EN 13911 MC6314Z9
FLAME RETARDANT BALACLAVA
EN 13911

MATERIAL: Outer fabric 58% meta-aramid and 40% PBI, 225 g/m²; lining 54% FR viscose, 43% meta-aramid, 2% dissipative fibre, weight 210 g/m²
COLOUR: black
SIZES: one size fits all



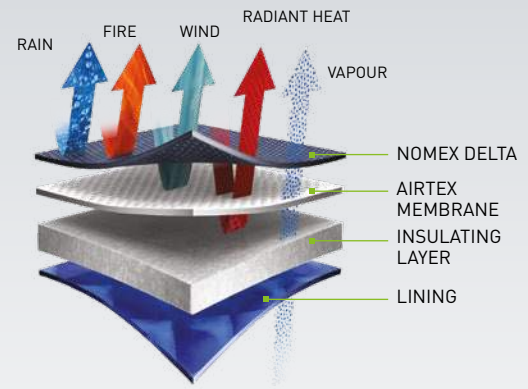
NEW GOGGLES

MD1412L0
F2 X-TREM HELMET FOR FOREST FIRES AND RESCUE USE
EN 12492 EN 16461 EN 16473

MATERIAL: Helmet shell in painted thermoplastic material, weight 680 gr without accessories
COLOUR: red (more colours available: fluo orange, white, blue, yellow, red, fluo yellow, green, black, photoluminescent - see page 377)
SIZES: one size fits all, adjustable from 52 to 64 cm

- Lightweight thermoplastic shell with ventilation holes
- Safety goggles against splinter and smoke in compliance with EN 166 standard, integrated to the structure with an adjustable elastic strap
- Reflective stickers
- Quick adjustment with head harness and 3-point chinstrap and integrated chincup
- Suitable to be used with lamp MD1524

4-LAYER ARAMID FABRIC



OUTER LAYER IN ANTISTATIC NOMEX DELTA 195 G/M² CONSISTING OF 75% NOMEX, 23% KEVLAR AND 2% ANTISTATIC CARBON FIBRE, FLAME RESISTANT AND WITH HIGH MECHANICAL AND ABRASION RESISTANCE.

INNER LAYER IN AIRTEX MICROPOROUS MEMBRANE, 120 G/M², FEATURING WATER RESISTANCE AND BREATHABILITY.

THE INNER PADDING IN ARAMID WOOL INSULATING FABRIC, 275 G/M², INSULATES FROM CONVECTIVE RADIANT HEAT FROM THE OUTSIDE.

THE INNER QUILTED LINING IN 50% ARAMID AND 50% VISCOSE GUARANTEES EXCELLENT TRANSPARATION PROPERTIES.



MD1411L0
FIXE FIREFIGHTER HELMET FOR STRUCTURAL FIRES
EN 443 EN 16471 EN 16473 EN 14458

MATERIAL: Helmet shell in injection moulded high-temperature thermoplastic material
COLOUR: red (more colours available: yellow, fluo yellow, fluo orange, green, black, white, blue, grey - see page 377)
SIZES: M (52-62 cm) and L (57-65 cm)

- High-temperature resistant thermoplastic shell, injection moulded
- Shock absorption padding: polyurethane foam
- Bumpers with moulded reinforcement in aramid
- Flame resistant padded headband and chinstrap cover
- 3-point chinstrap, adjustable with quick-release buckle
- Protective visor in thermoplastic material with golden coating
- Designed for short-range lamp



ALUMINIZED CLOTHING



MC6423X2



MC6414X2



MC6411X2



MC6412X2



MC6413X2



MC6425X2



MC6424X2



MC6419X2

EN 1486



MC6423X2 FIRE CROSSING SET

EN 1486

MATERIAL: Triple protective layer. Outer fabric: fibreglass with aluminized coating, 500 g/m². Middle layer: 4 layers of non-woven fabric 100% aramid, 150 g/m². Lining: 65% Lenzing® FR, 22% aramid, 12% polyamide, 1% Belltron, 200 g/m²

COLOUR: silver

SIZES: one size fits all

- Space for self-contained breathing apparatus
- Front opening with double zipper and Velcro closure
- Cuffs adjustable with Velcro
- Firefighter boots providing heat insulation, integrated in moulded shoe covers in aluminised aramid fabric
- Gloves in aluminised aramid fabric, including cuffs adjustable with Velcro
- Wide hood suitable for use with full face mask
- Internal firefighter helmet with hooks
- Adjustable shoulder straps with plastic buckles

EN ISO 11612



MC6414X2 PROXIMITY HOOD

EN ISO 11612 A1 B1 C3 D3 E3 F1
VISOR NOT CERTIFIED WITH THE PRODUCT BUT COMPLYING WITH STANDARD EN 166 EN 170

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver

SIZES: one size fits all

- Aluminized hood with ergonomic headset made of hypoallergenic material
- Golden polycarbonate visor 1.8 mm thick
- Front sweatband
- Circumference adjustment wheel
- Kevlar thread stitching

EN ISO 11612



MC6411X2 PROXIMITY COVERALL

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver

SIZES: XL

- Front concealed snap metal buttons closure with Velcro flap
- Chinese collar and back cylinder holder bag

EN ISO 11612



MC6412X2 PROXIMITY JACKET

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver

SIZES: L

- Chinese collar
- Front concealed snap metal buttons closure with Velcro flap

EN ISO 11612



MC6413X2 PROXIMITY TROUSERS

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver

SIZES: XL

- Front concealed snap buttons closure
- Loops around waist
- Adjustable shoulder straps

EN ISO 11612



MC6424X2 HEAT RESISTANT SHORT CAPE

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized aramid fabric 475 g/m², Kevlar 50/4 stitching

COLOUR: silver

SIZES: one size fits all

- For neck and shoulder protection
- Additional protective item to be attached to an aluminium headband, applied to a helmet (optional)

EN ISO 11612



MC6425X2 HEAT RESISTANT NECK GUARD

EN ISO 11612 A1 B1 C3 D3 E3

MATERIAL: 70% preox, 30% para aramid with soft and light aluminization, 360 g/m², thickness 0.6 mm. Twaron titre 50/4 stitching

COLOUR: silver

SIZES: one size fits all

- Attached to the helmet with 4 fire resistant Velcro points
- Additional protection to be attached to an aluminium headband, applied to a helmet (optional)

EN ISO 11612



MC6419X2 PROXIMITY APRON

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver

SIZES: one size fits all

- High mechanical and heat resistance
- Split leather strings
- Dimensions 70x100 cm



EN ISO 11612



**MC6416X2
PROXIMITY COAT**

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre,
475 g/m²

COLOUR: silver

SIZES: XL

- Chinese collar
- Rear Velcro fastening
- Length 120 cm



EN ISO 11612



**MC6422X2
HEAT RESISTANT SLEEVES**

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre,
490 g/m²

COLOUR: silver

SIZES: one size fits all

- Unlined
- Elastic cuffs
- Length 60 cm



EN ISO 11612



**MC6418X2
PROXIMITY GAITERS**

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre,
475 g/m²

COLOUR: silver

SIZES: one size fits all

- Rear Velcro fastening
- Height 38 cm



EN ISO 11612



**MC6415X2
PROXIMITY SHOE COVERS**

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre,
475 g/m²

COLOUR: silver

SIZES: one size fits all

- Rear Velcro fastening



**MC6417X2
FLAME RETARDANT BLANKET**

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre
475 g/m²

COLOUR: silver

- Thickness 1.1 mm
- High mechanical and heat resistance
- Dimensions 1.5x2 m



**MC6420E0
FLAME RETARDANT ROPE**

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Stainless steel thimble, Kevlar highly
resistant to fire, heat and acids

COLOUR: yellow

- Kevlar with very high resistance to fire, heat and acids
- Stainless steel thimbles
- Length m 20, diameter 10 mm



100%

ALUMINIZED ARAMID
AND PARA-ARAMID
FIBRE

**RECOMMENDED
FOR**

- METALWORKING
INDUSTRY
- FOUNDRIES
- GLASS INDUSTRY
- FIRE FIGHTING TEAMS
- FIREFIGHTERS



WELDING PROTECTION

100%

COWHIDE SPLIT LEATHER

THICKNESS

1.00 MM

RECOMMENDED
FOR

- METALLURGIC
INDUSTRY
- MAINTENANCE





MC6517K1
LEATHER CAP

MATERIAL: Natural full grain leather
COLOUR: natural/orange
SIZES: one size fits all

- Internal lining
- Adjustment strap and neck protection in fire resistant fabric



EN ISO 11611 **MC6512A0**
LEATHER SLEEVES
EN ISO 11611 A1 CLASS 2

MATERIAL: 1 mm cowhide split leather
COLOUR: ice
SIZES: one size fits all

- Elastic on both sides
- Length 40 cm



EN ISO 11611 **MC6513A0**
LEATHER GAITERS
EN ISO 11611 A1 CLASS 2

MATERIAL: 1 mm cowhide split leather
COLOUR: ice
SIZES: one size fits all

- Height 40 cm
- Velcro closure



EN ISO 11611 **MC6511A0**
LEATHER APRON
EN ISO 11611 A1 CLASS 2

MATERIAL: 1 mm cowhide split leather
COLOUR: ice
SIZES: one size fits all

- Dimensions 60x90 cm
- Leather strings closure



EN ISO 11611 **MC6514A0**
LEATHER JACKET
EN ISO 11611 A1 CLASS 2

MATERIAL: 1 mm cowhide split leather
COLOUR: ice
SIZES: M-2XL

- Velcro closure
- Elastic cuffs
- Detachable hood



EN ISO 11611 **MC6515A0**
LEATHER TROUSERS
EN ISO 11611 A1 CLASS 2

MATERIAL: 1 mm cowhide split leather
COLOUR: ice
SIZES: M-2XL

- Waist loops
- Front closure with metal snap buttons



EN 388
3 1 4 2 X
EN 407
4 2 X X X X

MA1118
TAIWAN GLOVE
EN 388 EN 407

MATERIAL: Heat-resistant split leather
COLOUR: green
SIZES: 10

- Lining: denim cotton
- Cuff: 14 cm split leather



MC2441Q0
BALACLAVA

MATERIAL:
COLOUR: blue
SIZES: one size fits all

- Width 24.5 cm, length 47 cm, weight 76 g
- Provides protection against thermal risks caused by electrical arc
- It can be used under a helmet
- Fire resistant and antistatic



100%
FLAME RETARDANT
POLYPROPYLENE

EN ISO 13982 **MC3423NO**
CHEMFIRE COVERALL
EN ISO 13982-1 TYPE 5 EN 13034 TYPE 6 EN 1073-2
EN ISO 14116 INDEX 1 EN 1149-5

MATERIAL: 100% antistatic polypropylene
COLOUR: cornflower blue
SIZES: M-2XL

- TO BE WORN AS PROTECTION OVER CONVENTIONAL GARMENTS
- Concealed central zipper closure with flap
- Elastic on hood, waistband, cuffs and ankles
- Designed to protect against contact with small splashes of liquid chemical agents, in presence of dust and particles
- Suitable for short contacts with the flame
- Pack of 25 pieces

EN 1073
EN ISO 14116
EN 1149



A high-visibility yellow and black safety jacket is shown, covered in water droplets. The jacket features reflective silver strips on the collar, cuffs, and hem. On the chest, there are three patches: a large stylized 'S' logo, a patch with 'EN 20471' and a crown icon, and a patch with 'EN 943' and an umbrella icon. The text 'HI-VIS CLOTHING' is overlaid in a white box.

HI-VIS CLOTHING

Many work situations expose workers to limited visibility, either by other people or by moving machinery. For this reason, they must be easily and promptly visible from an adequate safety distance.

High-visibility clothing are designed and made to enable workers wearing them to be easily discernible, either during the day, or at night when outdoors (for example, streets and tunnels) or indoors (for example, warehouses or logistics facilities).

SIR high-visibility collection offers exceptional protection for professional use. Our collection meets the strictest requirements in terms of design, functionality

and comfort, and all models have been certified according to the standard EN ISO 20471. In order to obtain maximum visibility during the day, the item must have an adequate surface area of fluorescent material, whereas a large surface of high quality reflective material increases visibility at night or in situations with poor lighting.

The standard provides three performance classes, which differ by fluorescent and retro-reflective material used to make the garment, in accordance with the following table:

	CLASS 1	CLASS 2	CLASS 3
MINIMUM AREA OF BACKGROUND MATERIAL (FLUORESCENT)	0,14 M ²	0,50 M ²	0,80 M ²
MINIMUM AREA OF RETRO-REFLECTIVE MATERIAL (BANDS)	0,10 M ²	0,13 M ²	0,20 M ²
MINIMUM AREA OF COMBINED PERFORMANCE MATERIAL	0,20 M ²	-	-

Alternatively, Class 1 can be attained by using a combined performance material. Class 3 is more performing since it provides larger areas of high-visibility material.

For the purpose of the calculation, the minimum areas are measured on the smallest size available, in the maximum closing position of the body. The performance class can be obtained with a single garment or a set (e.g. jacket and trousers).

The background material must be distributed on the front part of the garment

according to a 50±10% proportion.

The retro-reflective bands must be at least 50 mm wide and spaced out from one another and the bottom of the garment by at least 50 mm.

The performance class is indicated on the marking label of the garment with a number placed next to the specific high-visibility pictogram.

The correct class must be chosen based on the work environment, light conditions and road traffic, according to the following table:

(1) = problematic situations, such as weather conditions, background contrast, density of the traffic and other factors, may lead to a higher risk level.

(2) = a "passive road user" refers to a person on the road that is not involved in traffic and is focusing on something else other than traffic (for example, a road worker or a person in an emergency situation). On the other hand, an "active road user" is a person on the road, directly involved in traffic and focusing on it (for example, a cyclist or a pedestrian on the road).

	RISK LEVEL	FACTORS CONNECTED WITH THE RISK LEVEL (1)		RISK LEVEL
		VEHICLE SPEED	TYPE OF ROAD USER (2)	
HIGH VISIBILITY	HIGH RISK EN ISO 20471 CLASS 3	>60 KM/H	PASSIVE	- DAY AND NIGHT VISIBILITY - 360° BODY VISIBILITY (VISIBILITY ON ALL SIDES) - BODY RECOGNITION - MATERIAL AROUND THE TORSO - SUITABLE QUANTITY AND QUALITY FOR THE DAY AND NIGHT
	HIGH RISK EN ISO 20471 CLASS 2	≤60 KM/H	PASSIVE	- DAY AND NIGHT VISIBILITY - 360° BODY VISIBILITY (VISIBILITY ON ALL SIDES) - BODY RECOGNITION - SUITABLE QUANTITY AND QUALITY FOR
	HIGH RISK EN ISO 20471 CLASS 1	≤30 KM/H	PASSIVE	- DAY AND NIGHT VISIBILITY - VISIBILITY ON ALL SIDES - RECOGNITION OF MOVEMENTS, IF APPLICABLE (THERE IS NO NEED FOR THE MATERIAL AROUND THE TORSO) - SUITABLE QUANTITY AND QUALITY FOR THE DAY AND NIGHT (NOT NECESSARILY EN ISO 20471) - WIDER CHOICE OF COLOURS AND DESIGNS
INCREASED VISIBILITY	MEDIUM RISK	≤60 KM/H	ACTIVE	- NIGHT VISIBILITY - VISIBILITY ON ALL SIDES - RECOGNITION OF MOVEMENTS, IF APPLICABLE (THERE IS NO NEED FOR THE MATERIAL AROUND THE TORSO) - SUITABLE QUANTITY AND QUALITY FOR THE NIGHT (NOT NECESSARILY EN ISO 20471) - NO GADGET
		≤15 KM/H	PASSIVE	
	≤60 KM/H	ACTIVE		
VISIBILITY	LOW RISK	-	-	BRIGHT COLOUR FREE PATTERNED TRIM AND/OR REFLECTIVE MATERIAL ANY QUANTITY AND QUALITY

Class 3 clothing must be worn by all those working on roadwork sites with a speed limit above 60 km/h, on railway tracks, in airports and during rescue operations. Class 2 clothing can be worn by people supervising activities requiring Class 3 clothing. They must be worn outdoors in good weather conditions and where visibility is adequate.

Class 1 clothing may be worn by people visiting roadwork sites where Class 3 clothing are required, for occasional short-term operations and accompanied by people working on the site. They can also be used in service and transport sectors. If activities might vary during the work shift, or in general, if in doubt, Class 3 clothing is recommended.



HI-VIS WAISTCOATS



EN ISO 20471

MC3514E1
TRAFFIC WAISTCOAT
EN ISO 20471 CLASS 2



MATERIAL: 100% polyester, 170 gr/m²
COLOUR: high visibility yellow
SIZES: M-3XL

- Central zipper closure
- Three-dimensional pockets and welt pockets with concealed zipper closure
- Inner sweat wiper yoke
- Double reflective band

MC3514H1 COLOUR: high visibility orange



EN ISO 20471

MC3511E1
STRAP WAISTCOAT
EN ISO 20471 CLASS 2



MATERIAL: Mesh fabric 100% polyester, 125 gr/m²
COLOUR: high visibility yellow
SIZES: M and XL

- Front Velcro fastening
- Double reflective band

MC3511H1 COLOUR: high visibility orange



EN ISO 20471

MC3536E1
MEGA VIS WAISTCOAT
EN ISO 20471 CLASS 2



MATERIAL: 100% polyester, 120 gr/m²
COLOUR: high visibility yellow
SIZES: M and XL

- Velcro fastening
- Double prismatic band on chest
- Single prismatic band on shoulders



MC3516E1
JEROME WAISTCOAT
EN 1150

MATERIAL: 100% polyester
COLOUR: high visibility yellow
SIZES: S (4-6 years) - M (7-9 years)
L (10-12 years)

- Velcro closure
- Contrastig royal blue trims
- Label inside the collar for personal data
- Double reflective band



MC3531E1
HI-VIS BRACES

COLOUR: high visibility yellow
SIZES: one size fits all

- Elastic
- Quick-release closure
- Front-adjustable
- Reflective band



EN ISO 20471

EN 1149

EN ISO 14116



MC3533E1
ISTANBUL WAISTCOAT
EN ISO 20471 CLASS 2 EN 1149-5 EN 14116

MATERIAL: Polyester and conductive fibre, 120 gr/m²
COLOUR: high visibility yellow
SIZES: M-2XL

- Concealed zipper closure with Velcro fastening
- Double reflective band
- Antistatic

EN ISO 20471



MC3537E1
MEGA VIS LED WAISTCOAT
EN ISO 20471 CLASS 2

MATERIAL: 100% polyester, 120 gr/m²
COLOUR: high visibility yellow
SIZES: M and XL

- Front Velcro fastening
- Prismatic band with led



EN ISO 20471



MC3513EG
GRIFONE WAISTCOAT
EN ISO 20471 CLASS 1

MATERIAL: 100% polyester, 120 gr/m²
COLOUR: high visibility yellow/navy blue
SIZES: M and XL

- Zipper closure
- Three-dimensional pockets with flap
- Mobile phone pocket
- Badge holder
- Double reflective band on chest
- Single reflective band on shoulders



MC3513ED

COLOUR: high visibility yellow/royal blue

MC3513EE

COLOUR: high visibility yellow/black

MC3513EF

COLOUR: high visibility yellow/green

MC3513HG

COLOUR: high visibility orange/blue

MC3513HE

COLOUR: high visibility orange/black



EN ISO 20471



MC3515E1
FALCO WAISTCOAT
EN ISO 20471 CLASS 2

MATERIAL: 100% polyester, 190 gr/m²
COLOUR: high visibility yellow
SIZES: M and XL

- Zipper closure
- Two-tone prismatic reflective band on chest and shoulders

EN ISO 20471



MC3517EG
SPARVIERO WAISTCOAT
EN ISO 20471 CLASS 1

MATERIAL: 100% polyester, 120 gr/m²
COLOUR: high visibility yellow/blue
SIZES: M and XL

- Zipper closure
- Three-dimensional pockets with flap
- Mobile phone pocket and pen holder
- Badge holder
- Single heat-sealed reflective band on chest and shoulders

EN ISO 20471



MC3534HH
NIBBIO WAISTCOAT
EN ISO 20471 CLASS 2

MATERIAL: 100% polyester, 120 gr/m²
COLOUR: high visibility orange and yellow
SIZES: M and XL

- Central zipper closure
- Double reflective band on chest and single reflective band on shoulders





SUMMER HI-VIS

THE **MISTRAL** RANGE, RENEWED IN STYLE AND DETAILS, GUARANTEES EXCELLENT **BREATHABILITY** THANKS TO THE HIGH PERCENTAGE OF COTTON AND ITS 240 GR/M2 STRUCTURE IS ESPECIALLY INDICATED FOR THE SUMMER. THE SURFACE OF THE FABRIC GUARANTEES HIGH VISIBILITY AND ENHANCES DIRT AND LIQUID REPELLENCE.



SUMMER HI-VIS

55%

COTTON

45%

POLYESTER

245

GR/M²

RECOMMENDED FOR

- GENERAL AND ROAD CONSTRUCTION
- ROAD SIGN WORK
- ROAD AND PLANTS MAINTENANCE
- EMERGENCY RESPONSE COMPANIES



restyled

EN ISO 20471



MC3518E1

MISTRAL SHORT JACKET

EN ISO 20471 CLASS 3

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility yellow

SIZES: 44-62

- Shirt collar
- Concealed closure with five buttons
- Two chest pockets with flap and Velcro, one of which is three-dimensional and equipped with a pen holder
- High resistance jointed double seams

MC3518H1

COLOUR: high visibility orange

restyled

EN ISO 20471



MC3522E1

MISTRAL TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility yellow

SIZES: 42-64

- Fly with zipper and button closure
- Back elasticated waistband
- Two reinforced patch pockets with side opening
- Three-dimensional functional pocket with flap and Velcro on the left
- Right ruler pocket
- Back pocket with flap and Velcro
- Jointed double seams in the areas most exposed to wear and tear

MC3522H1

COLOUR: high visibility orange





restyled



EN ISO 20471 **MC3527E1**
MISTRAL COVERALL
EN ISO 20471 CLASS 3



MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²
COLOUR: high visibility yellow
SIZES: 44-62

- Shirt collar
- Two-way concealed central zipper closure
- Right ruler pocket
- Two patch pockets with side opening
- Chest pocket with flap and Velcro
- Back elasticated waistband
- Jointed double seams in the areas most exposed to wear and tear

MC3527H1 COLOUR: high visibility orange

restyled



restyled



EN ISO 20471 **MC3523E1**
MISTRAL BIB-TROUSERS
EN ISO 20471 CLASS 2



MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²
COLOUR: high visibility yellow
SIZES: 44-62

- Elastic shoulder straps with quick-fastening buckles
- Bib pocket with flap and Velcro
- Waistband closed with buttons
- Rear bib
- Two patch pockets with side opening
- Right ruler pocket
- Back pocket with flap and Velcro
- Jointed double seams in the areas most exposed to wear and tear

MC3523H1 COLOUR: high visibility orange



EN ISO 20471 **MC3520E1**
MISTRAL BERMUDAS
EN ISO 20471 CLASS 2



MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²
COLOUR: high visibility yellow
SIZES: 46-62

- Fly with zipper and button
- Side elasticated waistband
- Two reinforced patch pockets with side opening
- Two back pockets with flap and Velcro
- Functional pocket with pen holder, closed with flap and Velcro

MC3520H1 COLOUR: high visibility orange



SUMMER HI-VIS COLOR



restyled



EN ISO 20471



MC3528HD
MISTRAL COLOR COVERALL
EN ISO 20471 CLASS 3

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility orange/blue

SIZES: 44-62

- Shirt collar
- Two-way concealed central zipper closure
- Right ruler pocket
- Two patch pockets with side opening
- Chest pocket with flap and Velcro
- Back elasticated waistband
- Jointed double seams in the areas most exposed to wear and tear

MC3528ED

COLOUR: high visibility yellow/blue

restyled



EN ISO 20471



MC3519HD
MISTRAL COLOR SHORT JACKET

EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility orange/blue

SIZES: 44-62

- Shirt collar
- Concealed closure with five buttons
- Two chest pockets with flap and Velcro, one of which is three-dimensional and equipped with a pen holder
- High resistance jointed double seams

MC3519ED COLOUR: high visibility yellow/blue

EN ISO 20471



MC3521HD
MISTRAL COLOR TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility orange/blue

SIZES: 42-62

- Fly with zipper and button
- Back elasticated waistband
- Two reinforced patch pockets with side opening
- Functional pocket closed with flap and Velcro on the left
- Right ruler pocket
- Back pocket with flap and Velcro
- Jointed double seams in the areas most exposed to wear and tear

MC3521ED COLOUR: high visibility yellow/blue



restyled



EN ISO 20471



MC3524HD
MISTRAL COLOR BIB-TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility orange/blue

SIZES: 44-62

- Elastic shoulder straps with quick-fastening buckles
- Bib pocket with flap and Velcro
- Waistband closed with buttons
- Rear bib
- Two patch pockets with side opening
- Right ruler pocket
- Back pocket with flap and Velcro
- Jointed double seams in the areas most exposed to wear and tear

MC3524ED

COLOUR: high visibility yellow/blue

60%

COTTON

40%

POLYESTER

350

GR/M²

RECOMMENDED FOR

- GENERAL AND ROAD CONSTRUCTION
- ROAD SIGN WORK
- ROAD AND PLANTS MAINTENANCE
- EMERGENCY RESPONSE COMPANIES



WINTER HI-VIS

restyled



EN ISO 20471



MC3618H1

VELVET COVERALL

EN ISO 20471 CLASS 3

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange

SIZES: 44-62

- Shirt collar
- Two-way concealed central zipper closure
- Right ruler pocket
- Two patch pockets with side opening
- Chest pocket with flap and Velcro
- Back elasticated waistband
- Jointed double seams in the areas most exposed to wear and tear

MC3618E1 COLOUR: high visibility yellow

MC3530E1

HIGH VISIBILITY CAP

MATERIAL: 70% polyester, 30% cotton

COLOUR: high visibility yellow

SIZES: one size fits all

- Curved peak and reflective band
- Width adjustable with Velcro

MC3530H1

MATERIAL: 100% polyester

COLOUR: high visibility orange

SIZES: one size fits all





EN ISO 20471



MC3616H1
VELVET SHORT JACKET
EN ISO 20471 CLASS 3

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange

SIZES: 44-64

- Shirt collar
- Concealed zipper closure with Velcro
- Two chest pockets with flap and Velcro, one of which is three-dimensional and equipped with a pen holder
- High resistance jointed double seams

MC3616E1 COLOUR: high visibility yellow

EN ISO 20471



MC3615H1
VELVET TROUSERS
EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange

SIZES: 42-64

- Fly with zipper and button
- Two reinforced patch pockets with side opening
- Functional pocket closed with flap and Velcro on the left
- Right ruler pocket
- Back pocket with flap and Velcro
- Jointed double seams in the areas most exposed to wear and tear

MC3615E1 COLOUR: high visibility yellow



EN ISO 20471



MC3617H1
VELVET BIB-TROUSERS
EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange

SIZES: 44-62

- Elastic shoulder straps with quick-fastening buckles
- Bib pocket with flap and Velcro
- Waistband closed with buttons
- Rear bib
- Two patch pockets with side opening
- Right ruler pocket
- Back pocket with flap and Velcro
- Jointed double seams in the areas most exposed to wear and tear

MC3617E1 COLOUR: high visibility yellow

restyled



NEW

MC3535H1
HIGH VISIBILITY CAP

MATERIAL: Yarn 100% acrylic

COLOUR: high visibility orange

SIZES: one size fits all



MC3535E1

COLOUR: high visibility yellow



restyled

EN ISO 20471 **MC3611HD**
VELVET COLOR SHORT JACKET
 EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²
COLOUR: high visibility orange/blue
SIZES: 44-62

- Shirt collar
- Concealed zipper closure with Velcro
- Two chest pockets with flap and Velcro, one of which is three-dimensional with pen holder
- High resistance jointed double seams

MC3611ED COLOUR: high visibility yellow/blue



EN ISO 20471 **MC3612HD**
VELVET COLOR TROUSERS
 EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²
COLOUR: high visibility orange/blue
SIZES: 42-62

- Fly with zipper and button
- Two reinforced patch pockets with side opening
- Functional pocket with flap and Velcro on the left
- Right ruler pocket
- Back pocket with flap and button
- Jointed double seams in the areas most exposed to wear and tear

MC3612ED COLOUR: high visibility yellow/blue

restyled



EN ISO 20471 **MC3614HD**
VELVET COLOR COVERALL
 EN ISO 20471 CLASS 3

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²
COLOUR: high visibility orange/blue
SIZES: 44-62

- Shirt collar
- Two-way concealed central zipper closure
- Right ruler pocket
- Two patch pockets with side opening
- Chest pocket with flap and Velcro
- Back elasticated waistband
- Jointed double seams in the areas most exposed to wear and tear

MC3614ED COLOUR: high visibility yellow/blue

WINTER HI-VIS COLOR

THE **VELVET COLOR** RANGE
FEATURES A BOLD STYLE THANKS TO
ITS TWO-TONE DESIGN, AND IT ALSO
ASSURES PROTECTION AGAINST
DIRT IN THE MOST EXPOSED AREAS.



HI-VIS GREEN COLOR



THE **GREEN COLOR** RANGE, INNOVATIVE WITH ITS GREEN/HIGH-VISIBILITY CHROMATIC COMBINATION, OFFERS GARMENTS WITH MULTIFUNCTIONAL ACCESSORIES THAT MAKE THEM PARTICULARLY COMFORTABLE AND PRACTICAL. THE REGIMENTAL JACKET ASSURES HIGH THERMAL PROTECTION WHILE MAINTAINING EXCELLENT BREATHABILITY.



EN ISO 20471



MC3912EF
FUNNY SWEATSHIRT
EN ISO 20471 CLASS 2

MATERIAL: Plush fabric 55% cotton and 45% polyester, 310 gr/m²

COLOUR: high visibility yellow/green

SIZES: S-3XL

- High collar with zipper closure
- Elastic knit cuffs and waistband
- Chest pocket with zipper closure

4 IN 1



EN ISO 20471



MC3525EF
GREEN COLOR JACKET
EN ISO 20471 CLASS 2

MATERIAL: High visibility yellow fabric 55% cotton and 45% polyester; green fabric 65% polyester and 35% cotton, 245 gr/m²

COLOUR: high visibility yellow/green
SIZES: 44-62

- Concealed central zipper closure with snap buttons
- Adjustable cuffs with Velcro
- Multi-functional chest pockets
- Double reflective band around arms and chest

EN ISO 20471

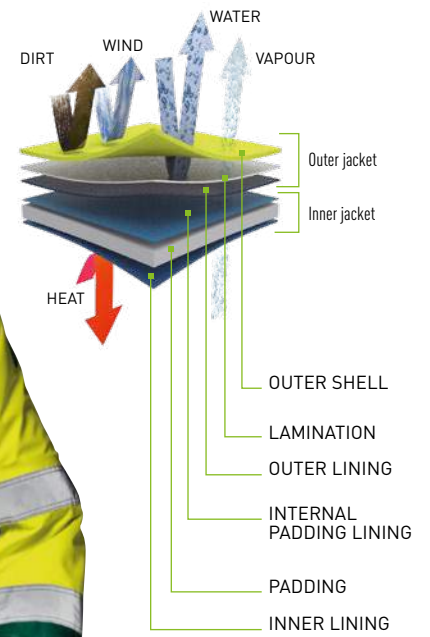


MC3526EF
GREEN COLOR TROUSERS
EN ISO 20471 CLASS 2

MATERIAL: High visibility yellow fabric 55% cotton and 45% polyester; green fabric 65% polyester and 35% cotton, 245 gr/m²

COLOUR: high visibility yellow/green
SIZES: 44-62

- Concealed central zipper closure
- Two front pockets
- Ruler pocket
- Easy-to-access multi-functional pocket with mobile phone pocket and pen holder
- Two large back pockets
- Double reflective band around legs



restyled

EN ISO 20471



EN 343



MC4116EF
REGIMENTAL SPLIT JACKET
EN ISO 20471 CLASS 3 EN 343

MATERIAL: Supersoft bilaminate Clipper-TEX fabric, 100% polyester; padding 180 gr/m²

COLOUR: high visibility yellow/green
SIZES: XS-4XL

- 4 in 1 model
- Breathable and waterproof
- Two-way concealed central zipper closure
- Rollaway hood
- Adjustable elasticated cuffs
- Concealed ID badge holder
- Two inner pockets
- Double reflective band on chest and sleeves
- Double stitching on bands
- Inner jacket:
 - Detachable sleeves with zipper
 - Zippered pockets
 - Inner pocket

EN ISO 20471



EN 343



MC4120EF
REGIMENTAL TROUSERS
EN ISO 20471 CLASS 2 EN 343

MATERIAL: Supersoft bilaminate Clipper-TEX fabric, 100% polyester; Nylon lining without padding

COLOUR: high visibility yellow/green
SIZES: S-3XL

- Zipper closure
- Elasticated waistband
- Exterior-to-interior access with zipper on the sides
- Back pocket



FLASH

THE **FLASH RANGE**, BOTH THE HIGH-VISIBILITY VERSION AND THE TWO-TONES VERSION, GUARANTEES HIGH BREATHABILITY THANKS TO ITS COMPOSITION: 100% COTTON WITH 305 GR/M² WEIGHT ENSURES PROTECTION, INCREASED STRENGTH AND RESISTANCE ALSO THANKS TO THE JOINTED DOUBLE STITCHED SEAMS.



100%
COTTON

305
GR/M²

RECOMMENDED FOR

- GENERAL AND ROAD CONSTRUCTION
- ROAD SIGN WORK
- ROAD AND PLANTS MAINTENANCE
- TRANSPORT
- LOGISTICS
- INDUSTRIAL PLANTS MAINTENANCE AND INSTALLATION
- SERVICE AND ASSISTANCE COMPANIES



EN ISO 20471



MC3714E1
FLASH SHORT JACKET
EN ISO 20471 CLASS 3

MATERIAL: 100% Super Fresh cotton, 305 gr/m²

COLOUR: high visibility yellow

SIZES: 44-62

- Shirt collar
- Concealed closure with five buttons
- Two chest pockets with flap and Velcro, one of which is three-dimensional and equipped with a pen holder
- High resistance jointed double seams
- Double reflective band on sleeves and chest

EN ISO 20471



MC3712E1
FLASH TROUSERS
EN ISO 20471 CLASS 2

MATERIAL: 100% Super Fresh cotton, 305 gr/m²

COLOUR: high visibility yellow

SIZES: 44-62

- Fly with zipper closure
- Functional three-dimensional pocket with flap and Velcro and pen holder on left leg
- Right leg ruler pocket
- Back pocket with flap and button
- High resistance jointed double seams
- Double reflective band

EN ISO 20471



MC3715EC
FLASH COLOR SHORT JACKET
EN ISO 20471 CLASS 2

MATERIAL: 100% Super Fresh cotton, 305 gr/m²; Evolution inserts 65% polyester, 35% cotton, 240 gr/m²

COLOUR: high visibility yellow/blue

SIZES: 44-62

- Shirt collar
- Concealed central zipper closure with Velcro
- Three chest pockets, two with flap and Velcro and one with zipper
- Cuffs with button closure
- Jointed double seams
- Blue collar and inserts on shoulders and sleeves
- Double reflective band on sleeves and chest

EN ISO 20471



MC3713EC
FLASH COLOR TROUSERS
EN ISO 20471 CLASS 2

MATERIAL: 100% Super Fresh cotton, 305 gr/m²; Evolution inserts 65% polyester, 35% cotton, 240 gr/m²

COLOUR: high visibility yellow/blue

SIZES: 44-62

- Central zipper closure
- Back pocket with flap and Velcro
- Functional three-dimensional pockets with flap and Velcro
- Jointed double seams
- Blue inserts in high-resistant fabric on knees and at the bottom of the trousers
- Double reflective band



**CONFIDENCE
IN TEXTILES**
Tested for harmful substances
according to Oeko-Tex® Standard 100



**INDUSTRIAL
WASHABLE
EN ISO 15797**



SIR SAFETY HARD WEAR

RUSH

INDUSTRIAL WASHING

TOP-OF-THE-RANGE HIGH VISIBILITY SERIES, DESIGNED TO PROVIDE MAXIMUM PROTECTION, COMFORT AND FREEDOM OF MOVEMENT TO THOSE WORKING IN POOR LIGHTING, EXPOSED TO VEHICULAR TRAFFIC OR TO THE RISK OF BEING STRUCK BY MOVING MACHINERY. THE RUSH COLLECTION IS DESIGNED IN **HARD-WEARING**, STAIN RESISTANT, WATER REPELLENT AND BREATHABLE **TWILL FABRIC**, WITH **CORDURA® REINFORCEMENTS** FOR INCREASED PROTECTION IN THE AREAS MOST EXPOSED TO WEAR-AND-TEAR. ERGONOMIC DESIGN FOR A SUPERIOR FIT THAT GUARANTEES BETTER PERFORMANCES IN TERMS OF SAFETY AND FUNCTIONALITY.



SIR SAFETY
HARD WEAR

RUSH



EN ISO 20471



MC2514H1
RUSH JACKET
EN ISO 20471 CLASS 3



MATERIAL: Twill 80% polyester, 20% cotton, weight 300 gr/m²
COLOUR: high visibility orange
SIZES: XS-4XL



- Self-covered central zipper closure
- Fleece lined collar
- Two three-dimensional chest pockets with flap and Velcro, one featuring a concealed badge holder and the other a hidden pocket
- Muff pockets
- Inner pocket with Velcro fastening
- Wear-and-tear reinforcement at the elbows
- Adjustable waistband with side buttons
- Adjustable cuffs with snap button
- Reflex inserts
- 3M® reflective bands on chest, sleeves and shoulders.

MC2514E1 COLOUR: high visibility yellow

MC2514L1 COLOUR: high visibility red

EN ISO 20471



MC2511H1
RUSH TROUSERS
EN ISO 20471 CLASS 3 (IN COMBINATION WITH THE JACKET)

EN 14404 WITH KNEE PAD ART. MC4911



MATERIAL: Twill 80% polyester, 20% cotton, weight 300 gr/m²
COLOUR: high visibility orange
SIZES: XS-4XL



- Fly with zipper and button
- Zip-off Cordura® reinforced holster pockets
- Multi-functional utility pocket with flap and Velcro fastening, with mobile phone pocket, pen holder and concealed ID badge holder
- Ruler pocket
- Two back pockets with flap and Velcro
- Cordura® reinforced knee pad pockets
- Extendable leg length by 4 cm
- Reflex inserts
- Triple stitched seams

MC2511E1 COLOUR: high visibility yellow

MC2511L1 COLOUR: high visibility red

INDUSTRIAL WASHING



HI-VIS KNITWEAR

RECOMMENDED FOR

- GENERAL AND ROAD CONSTRUCTION
- ROAD SIGN WORK
- ROAD AND PLANTS MAINTENANCE
- TRANSPORT
- LOGISTICS
- INDUSTRIAL PLANTS MAINTENANCE AND INSTALLATION
- EMERGENCY RESPONSE COMPANIES



HI-VIS KNITWEAR

NEW

EN ISO 20471

CLASS



2



MC3814E1

MISTRAL CONFORT POLO SHIRT

EN ISO 20471 CLASS 2

MATERIAL: 55% cotton 45% polyester, 175 gr/m²

COLOUR: high visibility yellow

SIZES: S-4XL

- Collar in contrasting grey with 3 buttons
- Double reflective band on chest

MC3814H1 COLOUR: high visibility orange

NEW

EN ISO 20471

CLASS



2



MC3813E1

MISTRAL T-SHIRT

EN ISO 20471 CLASS 2

MATERIAL: 55% cotton, 45% polyester, 175 gr/m²

COLOUR: high visibility yellow

SIZES: S -4XL

- Cotton on skin side: assures extreme comfort and excellent breathability
- Two reflective bands around the chest
- Vertical reflective band on shoulders
- Suitable for industrial washing
- UV protection 50+UPF factor treatment

MC3813H1 COLOUR: high visibility orange

MC3813L1 COLOUR: high visibility red

EN ISO 20471

CLASS



2



MC3912EE

FUNNY SWEATSHIRT

EN ISO 20471 CLASS 2

MATERIAL: Plush fabric 55% cotton and 45% polyester, 310 gr/m²

COLOUR: high visibility yellow/black

SIZES: S-3XL

- Central zipper closure
- Vertical chest pocket with zipper
- Side pockets with zipper
- High collar
- Elastic knit cuffs and waistband
- Collar, shoulders and sleeves with black inserts
- Reflective bands

MC3912HC

MATERIAL: Plush fabric 35% cotton and 65% polyester, 310 gr/m²

COLOUR: high visibility orange/blue

SIZES: S-3XL



EN ISO 20471 **CLASS 3**



MC3913E1
RUNNER SWEATSHIRT
EN ISO 20471 CLASS 3

MATERIAL: Plush fabric 55% cotton and 45% polyester, 310 gr/m²
COLOUR: high visibility yellow
SIZES: S-3XL

- Zipper closure
- Elastic knit cuffs and waistband
- Double reflective band on chest and sleeves

MC3913H1

MATERIAL: Plush fabric 35% cotton and 65% polyester, 310 gr/m²
COLOUR: high visibility orange
SIZES: S-3XL



restyled

EN ISO 20471 **CLASS 3**



MC3915E1
DUNE FLEECE SWEATSHIRT
EN ISO 20471 CLASS 3

MATERIAL: Fleece fabric 100% polyester, 310 gr/m²
COLOUR: high visibility yellow
SIZES: S-3XL

- Turtleneck zipper closure
- Elasticated cuffs
- Reflective band on shoulders and chest and double band on sleeves

MC3915H1

COLOUR: high visibility orange

NEW

EN ISO 20471 **CLASS 2**



MC2555ZG
ARROW SWEATSHIRT
EN ISO 20471 CLASS 2

MATERIAL: Jacquard knit fabric 60% polyester, 40% cotton; 100% polyester fleece; 100% cotton jersey
COLOUR: high visibility yellow/black
SIZES: S-4XL

- Two pockets with elasticated trims
- Chest pocket with zipper
- Oversized antipilling cuffs
- Windproof nylon-lined hood
- Reflective inserts
- Heat-sealed reflective bands with cut-out design



antipilling

NEW

EN ISO 20471 **CLASS 3**



MC3916H1
CIRCUS SWEATSHIRT
EN ISO 20471 CLASS 3

MATERIAL: 65% polyester, 35% cotton, 280 g/m²
COLOUR: high visibility orange
SIZES: S-3XL

- Antipilling finish
- Hood with black, dirt-repellent inner fabric and drawstring, detachable with snap buttons
- 100% polyester cuffs with antipilling finish
- Front zippered pockets
- Heat-sealed reflective bands



MC3916E1 COLOUR: high visibility yellow
MC3916L1 COLOUR: high visibility red



HI-VIS WEATHER RESISTANT CLOTHING



TO TACKLE THE MOST EXTREME WEATHER CONDITIONS, SIR OFFERS A WIDE RANGE OF EXTREMELY VERSATILE HIGH-VISIBILITY CLOTHING, WITH INNOVATIVE DESIGN, HIGH PERFORMANCE AND EXCEPTIONAL COMFORT THAT ENSURE HIGH PROTECTION AGAINST COLD AND WIND.



RECOMMENDED FOR

- GENERAL AND ROAD CONSTRUCTION
- ROAD SIGN WORK
- ROAD AND PLANTS MAINTENANCE
- TRANSPORT
- LOGISTICS
- SERVICE AND ASSISTANCE COMPANIES
- EMERGENCY RESPONSE COMPANIES



STRETCH

EN ISO 20471



MC3914ED SOFTSHELL STARMAX EN ISO 20471 CLASS 2

MATERIAL: Softshell fabric and inner layer in 144 filaments micro-fleece

COLOUR: high visibility yellow/royal blue

SIZES: S-3XL

- Central zipper closure
- Hood with drawstring, detachable with zipper
- Zippered muff pockets and chest pocket
- Detachable sleeves with zipper
- Cuffs adjustable with Velcro
- Bottom of the jacket adjustable with drawstring

MC3914HD

COLOUR: high visibility orange/royal blue



HI-VIS WEATHER RESISTANT CLOTHING

restyled



EN ISO 20471



MC4114EC
DRIVER PILOT JACKET
EN ISO 20471 CLASS 2

MATERIAL: Oxford fabric 150D, lamination in water repellent PU; blue quilting 80% in polyester and 20% cotton, padding 180 g/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- Front zipper closure
- Dirt-repellent, collar edge in contrasting colour
- Two front pockets with snap button
- Vertical chest pocket with zipper
- Detachable sleeves with zipper
- 100% polyester antipilling cuffs
- Inner pocket with Velcro fastening

MC4114HC

COLOUR: high visibility orange/blue

restyled



EN ISO 20471



MC4123EC
MORGAN PILOT JACKET
EN ISO 20471 CLASS 2

MATERIAL: 40% polyester and 60% cotton, padding 220 gr/m², fleece collar lining

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- Zipper closure
- Dirt-repellent yoke in contrasting colour
- Elastic knit cuffs
- Zippered chest pockets and mobile phone pocket
- Muff pockets
- Inner pocket
- Concealed ID badge holder

MC4123HC

COLOUR: high visibility yellow/blue



HI-VIS WEATHER RESISTANT CLOTHING



EN ISO 20471

EN 343



MC4113E1 MOTORWAY JACKET

EN ISO 20471 CLASS 3 EN 343

MATERIAL: 100% polyester coated with polyurethane, inner padding 220 gr/m²

COLOUR: high visibility yellow

SIZES: S-3XL

- Concealed central zipper closure with snap buttons
- Foldaway hood with drawstring
- Windproof elasticated knit cuffs
- Mobile phone pocket on chest with Velcro fastening
- Water-resistant side pockets with flap and Velcro
- Detachable ID badge holder with snap button
- Two inner pockets, one with Velcro fastening and a vertical one with zipper

MC4113H1 COLOUR: high visibility orange



4 in 1



DETACHABLE
INNER JACKET

EN ISO 20471

EN 343

EN 14058



MC4124E1 MOTORWAY SPLIT JACKET

EN ISO 20471 CLASS 3 EN 343 EN 14058

MATERIAL: Polyester coated with polyurethane, inner padding 220 gr/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- 4 in 1 model
- Concealed central zipper closure
- Foldaway hood with drawstring
- Mobile phone pocket on chest with Velcro fastening
- Detachable ID badge holder with snap button
- Side pockets with flap and Velcro

Inner jacket:

- Detachable sleeves
- Pockets with covered zipper
- Two inner pockets

MC4124H1 COLOUR: high visibility orange/blue SIZES: S-4XL

4 in 1



**DETACHABLE
INNER JACKET**

restyled



EN ISO 20471



MC4125E1

CONTENDER PILOT JACKET

EN ISO 20471 CLASS 3 EN 343

EN 343



MATERIAL: 100% polyester coated with polyurethane, inner padding 220 gr/m²

COLOUR: high visibility yellow/black inserts

SIZES: S-4XL

- 4 in 1 model
- Two-way concealed central zipper closure
- Windproof flap closed with snap buttons and Velcro
- Foldaway hood with drawstring
- Fleece collar lining
- Muff pockets
- Water-resistant chest pockets with flap and Velcro
- Third chest pocket with zipper and concealed ID badge holder
- Elastic waist sides and elasticated cuffs, adjustable with Velcro
- Inner jacket:
 - Detachable sleeves
 - Muff pockets
 - Elasticated knit cuffs and inserts in contrasting colour

MC4125H1 COLOUR: high visibility orange/black inserts

EN ISO 20471



MC4122HD

ROWANIEMI COVERALL

EN ISO 20471 CLASS 3 EN 343

EN 343



MATERIAL: Bilaminate Clipper-TEX fabric: breathable and waterproof; Synthetic wool padding

COLOUR: high visibility orange/blue

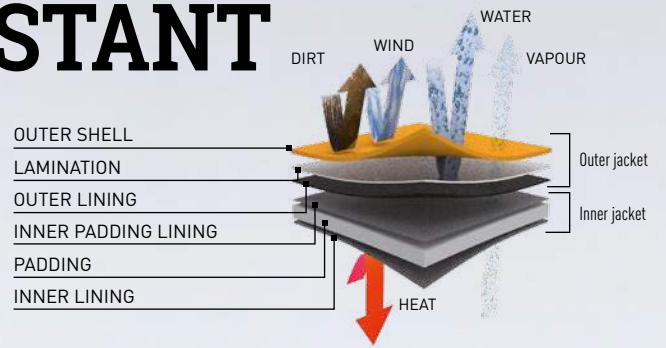
SIZES: S-3XL

- Concealed central zipper closure with snap buttons
- High collar with fleece lining
- Foldaway hood with drawstring
- Elastic knit cuffs
- Waistband with drawstring
- Front pockets with zipper closure covered with water-resistant flap
- Zippered vertical chest pocket
- Zipper opening on the ankles covered with flap and snap buttons
- Heat-sealed seams
- Double reflective band on chest, sleeves and legs

MC4122HD COLOUR: high visibility orange/blue



HI-VIS WEATHER RESISTANT CLOTHING



SUPERSOFT
BILAMINATE
FABRIC

STRONG DOUBLE
STITCHING ON
REFLECTIVE BANDS

4 IN 1

restyled



**DETACHABLE
INNER JACKET**



EN ISO 20471 MC4116EC REGIMENTAL SPLIT JACKET
EN ISO 20471 CLASS 3 EN 343



EN 343



MATERIAL: Supersoft bilaminate Clipper-TEX fabric, 100% polyester; padding 180 gr/m²
COLOUR: high visibility yellow/blue
SIZES: XS-4XL

- 4 in 1 model
- Breathable and waterproof
- Two-way concealed central zipper closure
- Rollaway hood
- Adjustable elasticated cuffs
- Concealed ID badge holder
- Two inner pockets
- Double reflective band on chest and sleeves
- Double stitching on bands
- Inner jacket:
 - Detachable sleeves with zipper
 - Zippered pockets
 - Inner pocket

MC4116HC COLOUR: high visibility orange/blue

MC4116EF COLOUR: high visibility yellow/green

EN ISO 20471 MC4120EC REGIMENTAL TROUSERS
EN ISO 20471 CLASS 2 EN 343



EN 343



MATERIAL: Supersoft bilaminate Clipper-TEX fabric, 100% polyester;
Nylon lining without padding
COLOUR: high visibility yellow/blue
SIZES: S-3XL

- Zipper closure
- Elasticated waistband
- Exterior-to-interior access with zipper on the sides
- Back pocket

MC4120HC COLOUR: high visibility orange/blue

MC4120EF COLOUR: high visibility yellow/green

4 IN 1



**DETACHABLE
INNER JACKET**

EN ISO 20471



EN 343



MC4115H1 IVALO JACKET
EN ISO 20471 CLASS 3 EN 343

MATERIAL: Supersoft bilaminate Clipper-TEX fabric, 100% polyester; padding 100% polyester

COLOUR: orange

SIZES: S-3XL

- Concealed zipper closure with snap buttons
- Foldaway hood with drawstring
- Muff pockets
- Elasticated cuffs adjustable with Velcro
- ID Badge holder on chest and vertical pocket on the other side
- Two side pockets with flap and Velcro
- Drawstring on the bottom of the outer jacket
- Inner jacket:
 - Detachable sleeves
 - Two side zippered pockets
 - Inner pocket with zipper

EN ISO 20471



EN 343



MC4118H1 IVALO TROUSERS
EN ISO 20471 CLASS 2 EN 343

MATERIAL: Supersoft bilaminate Clipper-TEX fabric, 100% polyester

COLOUR: high visibility orange

SIZES: S-3XL

- Fly with concealed zipper
- Elasticated waistband
- Exterior-to-interior access with zipper on the sides
- Back pocket
- Heat-sealed seams



PREMIUM WEATHER RESISTANT HI-VIS



NEW



EN ISO 20471



MC4126E1

BANF PILOT JACKET

EN ISO 20471 CLASS 3 EN 343

MATERIAL: Outer fabric in Ripstop Stretch, Inner lining in nylon, padding 160 gr/m²

COLOUR: high visibility yellow/navy blue

SIZES: S-3XL

- Reversible light jacket with heat-sealed reflective bands
- Taped zippers closures
- Taped chest pocket
- Navy dirt-repellent trim on collar
- Elastic cuffs and bottom
- Lining: three zippered pockets, one of which on the chest

EN 20471



MC4413P7

CAPRICORNO BODYWARMER

EN 20471 CLASS 2

MATERIAL: Pongee outer fabric, polyester lining 140 gr/m², padding 200 gr/m²

COLOUR: blue/high visibility yellow

SIZES: S-3XL

- Reversible model
- Two-way zipper closure
- Zippered chest pockets
- Reflective piping on chest
- Reverse side: two pockets with flap and Velcro
- D-ring
- Double heat-sealed reflective band



restyled



EN ISO 20471



EN 343



EN 14058



EN ISO 20471



EN 343



MC4128HE ANDROMEDA JACKET

EN ISO 20471 CLASS 3 EN 343 EN 14058

MATERIAL: trilaminate Clipper-Tex fabric, Twill, weight 170 gr/m²; wrinkle and stain resistant, solid, elastic, windproof, water repellent and highly breathable

Detachable inner padding in Thinsulate 3M®, 150 gr/m²

COLOUR: high visibility orange/black

SIZES: S-4XL

- Waterproof central zipper closure, with windproof internal flap
- Fleece-lined collar
- Adjustable foldaway hood with drawstring
- Two chest pockets with flap and Velcro, one of which is featuring an extra vertical pocket
- Concealed, detachable badge holder
- Two side pockets with concealed zipper
- Elasticated windproof cuffs, adjustable with Velcro
- Zippered underarm vents with mesh interior
- Piping on chest
- Heat-transfer reflective bands on shoulders, around the waist and sleeves
- High performance fully waterproof taped seams

MC4128EE COLOUR: high visibility yellow/black

MC4128LD COLOUR: high visibility red/black

MC4127HE ICARUS TROUSERS

EN ISO 20471 CLASS 1 EN 343

MATERIAL: trilaminate Clipper-Tex fabric, Twill, 170 gr/m²; wrinkle and stain resistant, solid, elastic, windproof, water repellent and highly breathable; fully quilted lining, polyester padding 100 gr/m²

COLOUR: high visibility orange/black

SIZES: XS-4XL

- Fly with zipper and button
- Removable holster pockets in Cordura®, detachable with zipper
- Two easy-to-access slant pockets
- Multi-functional pocket with integrated ID badge holder
- Multi-functional pocket with hammer holder ring
- Two back pockets with flap and Velcro
- High back
- Cordura® reinforced leg bottom
- Heat-transfer reflective band
- High performance seams

MC4127EE COLOUR: high visibility yellow/black



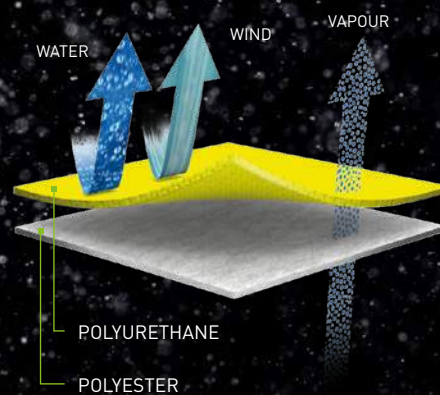
STRETCH HI-VIS RAINWEAR

RECOMMENDED FOR

- CONSTRUCTION
- ROAD CONSTRUCTION WORKS
- LOGISTICS
- TRANSPORT
- FORESTRY
- AGRICULTURE
- PLANTS MAINTENANCE
- GAS, WATER AND ELECTRICITY MAINS MAINTENANCE AND MANAGEMENT
- INDUSTRIAL PLANTS INSTALLATION AND MAINTENANCE
- MUNICIPAL WASTE COLLECTION COMPANIES

POLYESTER + POLYURETHANE

WONDERFLEX FABRIC



DESPITE ITS THINNESS, **WONDERFLEX** IS AN INCREDIBLY STRONG FABRIC.

ITS **POLYURETHANE COATED POLYESTER** STRUCTURE PROVIDES UNEXPECTED TEAR AND PUNCTURE RESISTANCE.

WONDERFLEX IS NOT ONLY **WATERPROOF** BUT ALSO **BREATHABLE**, THUS THE GARMENTS ARE VERY COMFORTABLE EVEN WHEN WORN FOR AN EXTENDED TIME.

STRETCH



EN ISO 20471



MC4013E1

GLAMOUR COAT

EN ISO 20471 CLASS 3 EN 343

EN 343



MATERIAL: Wonderflex fabric, 100% PU coated polyester, 190 gr/m²

COLOUR: high visibility yellow

SIZES: S-3XL

- Concealed zipper closure with snap buttons
- Foldaway hood with elastic edge
- Waterproof pockets with button closure
- Elasticated windproof cuffs
- Reflective piping on the shoulders

MC4013H1

COLOUR: high visibility orange

EN ISO 20471



MC4011E1

GLAMOUR JACKET

EN ISO 20471 CLASS 3 EN 343

EN 343



MATERIAL: Wonderflex fabric, 100% PU coated polyester, 190 gr/m²

COLOUR: high visibility yellow

SIZES: S-3XL

- Concealed zipper closure with snap buttons
- Foldaway hood with elastic edge
- Elasticated windproof cuffs
- Waterproof pockets with button closure
- Reflective piping

MC4011H1

COLOUR: high visibility orange

EN ISO 20471



MC4014E1

GLAMOUR TROUSERS

EN ISO 20471 CLASS 3 (IN COMBINATION WITH THE JACKET)

EN 343



MATERIAL: Wonderflex fabric, 100% PU coated polyester, 190 gr/m²

COLOUR: high visibility yellow

SIZES: S-3XL

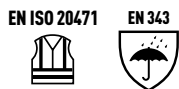
- Elastic waistband

MC4014H1

COLOUR: high visibility orange

SIZES: S-4XL



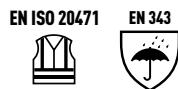


MC4012H1
OXFORD GLAMOUR JACKET
EN ISO 20471 CLASS 3 EN 343

MATERIAL: 100% heat-sealed PU coated polyester
COLOUR: high visibility orange
SIZES: S-3XL

- Concealed central zipper closure
- Foldaway hood with drawstring
- Elastic windproof cuffs
- Waterproof pockets with flap
- Covered ventilation mesh on the shoulders
- Double reflective band

MC4012E1
COLOUR: high visibility yellow



MC4015H1
OXFORD GLAMOUR TROUSERS
EN ISO 20471 CLASS 3 (IN COMBINATION WITH THE JACKET)
EN 343

MATERIAL: 100% heat-sealed PU coated polyester
COLOUR: high visibility orange
SIZES: S-3XL

- Fly with snap button closure
- Elasticated waistband
- Exterior-to-interior access on the sides
- Ankle adjustment with snap buttons
- Double reflective band

MC4015E1
COLOUR: high visibility yellow



MC4322Q5
OXFORD GLAMOUR JACKET
EN 343

MATERIAL: 100% heat-sealed PU coated polyester
COLOUR: blue
SIZES: S-3XL

- Concealed central zipper closure
- Foldaway hood with drawstring
- Elastic windproof cuffs
- Waterproof pockets with flap
- Covered ventilation mesh on the shoulders
- Flame retardant and antistatic properties
- Reflective band



MC4323Q5
OXFORD GLAMOUR TROUSERS
EN 343

MATERIAL: 100% heat-sealed PU coated polyester
COLOUR: blue
SIZES: S-3XL

- Fly with snap button closure
- Elasticated waistband
- Exterior-to-interior access on the sides
- Ankle adjustment with snap buttons
- Flame retardant and antistatic properties
- Reflective band

OXFORD HI-VIS RAINWEAR



RAINWEAR

RECOMMENDED FOR

- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- FORESTRY AND WOOD PROCESSING INDUSTRY
- AGRICULTURE, FISH INDUSTRY
- PLANTS MAINTENANCE

OCEAN

FABRIC
POLYESTER/ PVC

CAYENNE

FABRIC
NYLON / PVC

MC4312E5 OCEAN RAINCOAT

MATERIAL: Polyester/PVC 250 g/m²

COLOUR: yellow

SIZES: M-2XL

Consisting of:

- Knee-length
- Heat-sealed seams
- Front buttons closure with inner flap
- Hood with drawstring
- Two waterproof pockets with flap
- Elasticated windproof cuffs

No picture:

MC4312T0 COLOUR: olive green SIZES: S-2XL



MC4311E5 OCEAN SET

MATERIAL: Polyester/PVC 250 g/m²

COLOUR: yellow

SIZES: S-2XL

Consisting of:

- Heat-sealed seams
- Coat with zipper and buttons closure
- Internal flap
- Hood with drawstring
- Two waterproof pockets with flap
- Elastic windproof cuffs
- Trousers featuring a central fly with button closure
- Elastic waistband
- Ankle adjustment with snap buttons

No picture:

MC4311T0

COLOUR: olive green SIZES: M-2XL



MC4313E5
CAYENNE SET

MATERIAL: Nylon/PVC

COLOUR: yellow

SIZES: S-2XL

Consisting of:

- Jacket with foldaway hood and drawstring
- Zipper closure
- Elastic windproof cuffs, adjustable with button
- Waterproof pockets
- Drawstring on the bottom
- Trousers with elastic waistband
- Side openings with button closure and ankle adjustment with snap buttons
- Heat-sealed waterproof seams

MC4313T0 COLOUR: olive green

MC4326Q5
CAYENNE RAINCOAT

MATERIAL: Nylon/PVC

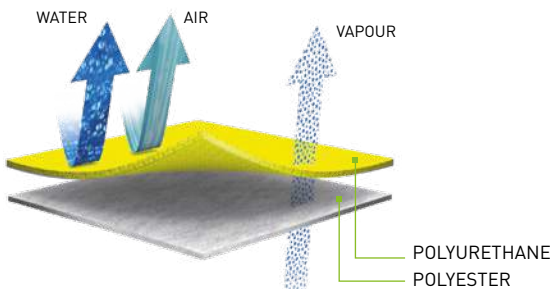
COLOUR: blue

SIZES: S-2XL

- Knee-length
- Front buttons closure with inner flap
- Foldaway hood with drawstring
- Windproof elasticated cuffs
- Side waterproof pockets with flap
- Heat-sealed waterproof seams



RAINWEAR



WONDERFLEX IS A FABRIC MADE WITH A LAYER OF POLYURETHANE ON A POLYESTER BASE. THE **ELASTICITY** AND **FLEXIBILITY** PROPERTIES OF THIS FABRIC ARE AMAZING, SUPPORTING ANY KIND OF MOVEMENT, EVEN IN EXTREME COLD CONDITIONS. EXTREMELY RESISTANT TO WEAR-AND-TEAR, ABRASION AND TENSION.



EN 343 **MC4314Q5**
SUN CITY JACKET
 EN 343

MATERIAL: Wonderflex, waterproof and breathable
COLOUR: blue
SIZES: S-3XL

- Concealed zipper and button closure
- Foldaway hood with elastic edge
- Elasticated windproof cuffs
- Waterproof pockets

MC4314K1 COLOUR: white

MC4314H1 COLOUR: high visibility orange SIZES: S-2XL

EN 343 **MC4315Q5**
SUN CITY TROUSERS
 EN 343

MATERIAL: Wonderflex, waterproof and breathable
COLOUR: blue
SIZES: S-3XL

- Elastic waistband

MC4315K1 COLOUR: white SIZES: S-2XL

MC4315H1 COLOUR: high visibility orange SIZES: S-3XL

EN 343 **MC4316Q5**
SUN CITY RAINCOAT
 EN 343

MATERIAL: Wonderflex, waterproof and breathable
COLOUR: blue
SIZES: S-2XL

- Knee-length
- Concealed zipper and button closure
- Foldaway hood with elastic edge
- Elasticated windproof cuffs
- Waterproof pockets

MC4316H1 COLOUR: high visibility orange



COLD RESISTANT BODYWARMERS



restyled



MC4414AM GUINEA BODYWARMER

MATERIAL: Fleece fabric 100% polyester, 300 g/m²

COLOUR: grey

SIZES: S-2XL

- Concealed anti-tangle zipper closure with inner flap
- Side pockets with zipper closure
- Chest pocket with zipper in contrasting colour
- Collar, waistband and armhole trims in contrasting colour
- Inner pockets

MC4416Q5 DARWIN BODYWARMER

MATERIAL: 65% polyester and 35% cotton, 200 g/m² padding

COLOUR: blue

SIZES: S-3XL

- Front zipper closure
- Side muff pockets
- Chest phone pocket with flap and Velcro
- Zippered chest pocket
- Inner pocket with Velcro fastening
- Elasticated waistband

MC4416A9

COLOUR: grey

MC4416S0

COLOUR: green



PADDING
200
G/M²



restyled



MC4412P7
HARRYS BODYWARMER

MATERIAL: PVC coated Nylon fabric, 200 g/m² padding

COLOUR: blue

SIZES: S-3XL

- Two lower pockets with integrated side muff pockets
- Chest pocket with zipper closure
- Flannel lining
- Piping on chest and yoke
- Inner pocket with Velcro

MC4415Q7
KENDO BODYWARMER

MATERIAL: PU coated 100% Nylon fabric, 240 g/m² padding

COLOUR: blue

SIZES: S-3XL

- Zipper closure
- Muff pockets with knitted trim
- Vertical zippered chest pockets
- Adjustment drawstring at the bottom
- Two inner pockets, one of which with Velcro and the other with zipper closure and inner phone compartment in mesh fabric, with Velcro fastening

MC4415C0
COLOUR: grey

MC4415Z9
COLOUR: black

PADDING
200
G/M²



PADDING
240
G/M²



COLD RESISTANT BODYWARMERS

PADDING

200

G/M²

restyled



MC4411B6 KAISER BODYWARMER

MATERIAL: C-TEX 100% polyester fabric, fleece lined with 200 g/m² padding

COLOUR: grey

SIZES: S-3XL

- Multi-pocket
- Breathable
- Two-way zipper closure
- Comfort knitted collar
- Top right phone pocket and left pocket with concealed badge holder, with flap and Velcro
- Zippered right pocket with D ring
- Left pocket with flap and Velcro
- Zippered lower three-dimensional pockets

MC4411P0 COLOUR: blue

MC4411T0 COLOUR: army green



NEW

PADDING

200

G/M²



MC4418PP BOXTER BODYWARMER

MATERIAL: PU coated 100% polyester Taslon, 200 g/m² padding

COLOUR: blue/black

SIZES: S-3XL

- Zipper closure
- Zippered vertical chest pocket
- Zippered lower pockets
- Two internal pockets, one with zipper and the other with Velcro
- Reflex inserts on yoke
- Piping on back yoke
- Adjustable waistband with Velcro



REVERSIBLE

restyled



MC4417Z9
PASSION BODYWARMER

MATERIAL: 100% Nylon with PU coating, 300 g/m² padding
COLOUR: black
SIZES: S-3XL

- Central zipper closure
- Muff pockets
- Comfort knitted inner collar
- Windproof stretch armhole
- Knitted waistband
- Drawstring waistband
- Inner phone pocket with Velcro fastening and zippered vertical pocket
- Reflective piping around collar, on yoke and pocket trims

EN ISO 20471 **MC4413P7**
CAPRICORNO BODYWARMER
EN 20471 CLASS 2



MATERIAL: Pongee outer fabric, polyester lining 140 g/m², padding 200 g/m²
COLOUR: blue/high visibility yellow
SIZES: S-3XL

- Reversible model
- Two-way zipper closure
- Zippered chest pockets
- Reflective piping on chest
- Reverse side: two pockets with flap and Velcro
- D-ring
- Heat-sealed reflective bands

PADDING
300
G/M²



PADDING
200
G/M²



COMBI STRETCH

STRETCH

antipilling

WEIGHT
250
G/M²

NEW



MC4215Z9
DRAKE JACKET

MATERIAL: Antipilling fleece fabric, 250 g/m² stretch and dirt-proof, fleece lining

COLOUR: black

SIZES: XS-3XL

- Upper half chest treated with high-frequency texture for windproof effect
- Fleece hood
- Stretch profiles
- Raglan cut
- Ergonomic fit

NEW


KNITTED



WEIGHT
380
G/M²



MC4216Q7
DIRECTOR JACKET

MATERIAL: 380 g/m² polyester knitted fabric laminated with fleece, Softshell inserts

COLOUR: blue

SIZES: S-3XL

- Zippered pockets
- Inserts in windproof stretch Softshell fabric
- Bottom and cuffs with elasticated trims
- Rear part in windproof stretch Softshell fabric

MC4216C4 COLOUR: grey



MC4213QU
CELEBRATION JACKET

MATERIAL: 95% Nylon, 5% spandex stretch Ripstop micro-jersey fabric; internal fabric 100% waterproof polyester, 350 g/m²

COLOUR: blue/grey

SIZES: S-3XL

- Central taped zipper closure
- Two side pockets with reflective inserts
- Two zippered internal pockets



COMBI STRETCH



MC4225QX **NEW**
MARMOT JACKET

MATERIAL: Softshell fabric, tear resistant ripstop Nylon, 100 g/m² padding
COLOUR: blue with black inserts
SIZES: S-3XL

- Zippered chest pocket
- Two lower pockets
- Reflex details
- Softshell inserts on sleeves with high frequency treatment
- Body in tear resistant Ripstop Nylon



NEW

STRETCH

MC4222C4
MOON JACKET

MATERIAL: Thick jersey and Nylon, 100 g/m² padding
COLOUR: grey
SIZES: S-3XL

- Extremely lightweight, warm and windproof
- High windproof collar
- Two lower pockets
- Body in padded Nylon
- Wrinkle resistant fabric

PADDING
100
G/M²

PADDING
100
G/M²





MC4224QJ **NEW**
JASPER JACKET

MATERIAL: Ultralight Nylon fabric, antipilling jersey coupled with fleece, 100 g/m² padding

COLOUR: navy blue/grey

SIZES: XS-3XL

- Zippered chest pocket
- Two lower pockets with zipper
- Stretch profiles on hood, cuffs and bottom



MC4223Z9 **NEW**
CABOTO SWEATSHIRT

MATERIAL: Stretch softshell fabric, 100% polyester, 100 g/m² padding

COLOUR: black

SIZES: S-3XL

- Visible zipper closure
- Hood with elasticated edge
- Two lower pockets
- Cuffs, sleeves and bottom part in wear resistant stretch Softshell

PADDING
100
 G/M²



PADDING
100
 G/M²



SOFTSHELL

STRETCH

NEW
for women



WEIGHT

350

G/M²

MC4211L5 NAVIGATOR BLOUSON

MATERIAL: Softshell fabric 100% polyester, lining in 144-filaments micro-fleece, weight 350 g/m²

COLOUR: red

SIZES: S-3XL

- Central zipper closure with windproof and anti-tangle internal flap and close end
- Zippered muff pockets
- Zippered chest pocket
- Elastic knitted cuffs
- Drawstring waistband
- Inner document pocket in mesh fabric with zipper closure

MC4211Q7 COLOUR: blue SIZES: XS-3XL

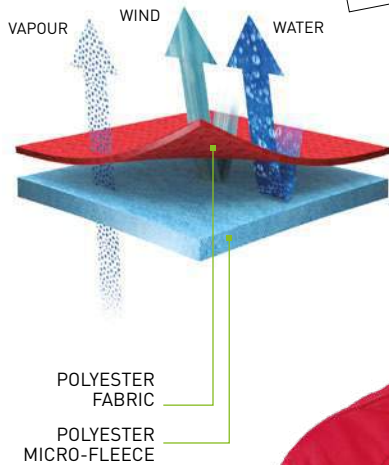
MC4212Q7 NAVIGATOR BLOUSON

MATERIAL: Softshell fabric 100% polyester, lining in 144-filaments micro-fleece, weight 350 g/m²

COLOUR: blue

SIZES: XS-XL

- Ladies' model



freedom of movement



WEIGHT
440
G/M²



MC3118Q7
MURANO BLOUSON

MATERIAL: Softshell fabric 93% polyester and 7% spandex, lining in 144-filaments micro-fleece, 440 g/m²

COLOUR: blue

SIZES: S-3XL

- Embossed construction and elastic structure
- Central zipper closure with inner windproof flap
- Wear resistant inserts in contrasting black fabric on arms, shoulders and pockets
- Heat-sealed chest pocket and zippered muff pockets
- Inner pockets
- Waistband and cuffs in soft elastic knit

MC3118Z9 COLOUR: black



WEIGHT
350
G/M²

MC4214HG
STARFLEX JACKET

MATERIAL: Softshell fabric 100% polyester coupled with fleece lining, breathable, 350 g/m²

COLOUR: high visibility orange/blue

SIZES: S-3XL

- Central zipper closure
- Detachable sleeves with zipper
- Side and chest pockets with taped zipper closure with water resistant reflective flap
- Knitted cuffs
- Reflective striping over the shoulders

MC4214PL

COLOUR: petroleum blue/blue

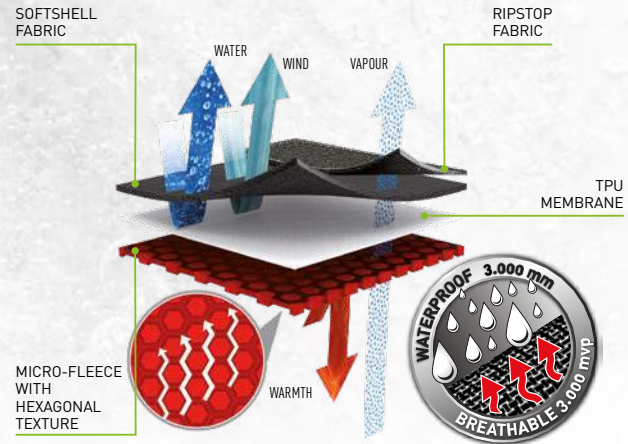
MC4214RB

COLOUR: green/blue



SIR SAFETY HARD WEAR

SOFTSHELL



CORDURA®



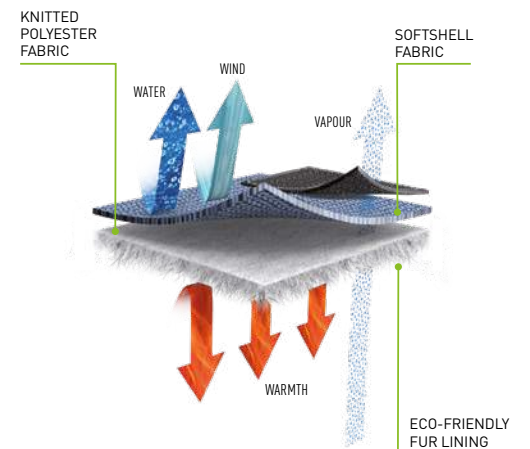
MC2564Z9 SHARK SOFTSHELL JACKET

MATERIAL: Softshell fabric, 96% polyester and 4% spandex with TPU membrane, weight 350 g/m²

COLOUR: black

SIZES: XS-4XL

- Central water repellent zipper
- Two lined side pockets
- Pen holder pocket
- Concealed badge holder
- Inner pocket with zipper
- Inner phone pocket
- Two wide inner pockets
- Drawstring adjustment at the bottom
- Windproof stretch inner cuffs
- Reflex inserts



CORDURA®



MC2554BM SCORPION HYPERFLEECE JACKET

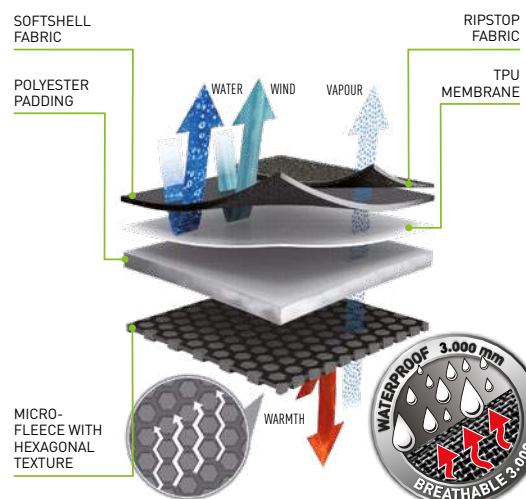
MATERIAL: 100% polyester knitted fabric, fleece lining, 460 g/m²

COLOUR: grey melange/black

SIZES: XS-4XL

- Central zipper closure
- Zippered chest pocket with concealed ID badge holder
- Two fleece-lined muff pockets
- Two inner pockets
- Reinforcements in Softshell stretch fabric
- Adjustable cuffs with Velcro
- Reflex inserts
- Reflective piping on back yoke

MC2554PM COLOUR: petroleum blue melange/black



MC2544Z9
DOLPHIN PADDED SOFTSHELL JACKET



MATERIAL: Softshell fabric, 96% polyester and 4% spandex with TPU membrane, weight 240 g/m², 120 g/m² padding

COLOUR: black

SIZES: XS-4XL

- Concealed central zipper closure
- Reinforcements in Ripstop stretch fabric
- Chest pocket with water repellent zipper closure
- Two side pockets with anti-tangle zipper closure
- Inner phone pocket, inner zippered pocket and inner oversized pocket for tablets up to 10"
- Detachable hood with adjustable elastic drawstring
- Zippered under-arm vents with mesh interior
- Reflex inserts



PATROL

PADDING

220

G/M²

NEW

MC4727Z9
PATROL BLOUSON

MATERIAL: Tear resistant ripstop Nylon fabric with PU coating, 220 g/m² padding

COLOUR: black/red

SIZES: S-3XL

- Three zippered pockets, one on chest
- Pen holder pocket on chest
- Bottom and collar with elasticated edge
- Elasticated cuffs

MC4727S6 COLOUR: bottle green/lime

MC4727P7 COLOUR: air force blue/red

MC4727L9 COLOUR: red/grey

MC4727B6 COLOUR: grey/black





► multipurpose garments



MULTIPURPOSE PILOT JACKETS

restyled



PADDING
160
G/M²



MC4716Q7 THERMO MULTI-POCKET PILOT JACKET

MATERIAL: 65% polyester, 35% cotton and 160 g/m² padding

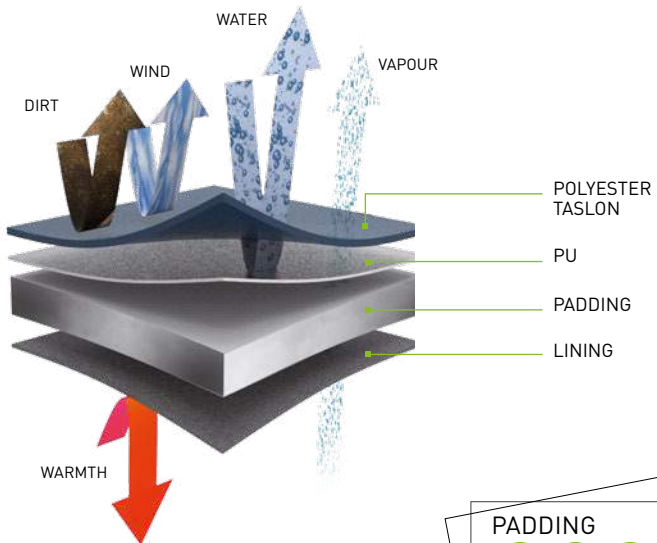
COLOUR: blue

SIZES: S-3XL

- Concealed zipper and metal snap buttons closure
- Detachable sleeves with zipper
- Chest pocket with Velcro fastening, fitted with a pen holder
- Zippered chest pocket
- Muff pockets
- Inner pocket
- Elasticated cuffs
- Reflective piping on yoke

MC4716B0 COLOUR: grey

LAMINATED TASLON FABRIC



PADDING

220

G/M²

restyled



EN 343



EN 343



MC4725Q8

AIRPORT PILOT JACKET

EN 343

MATERIAL: PU coated polyester Taslon, 220 g/m² padding

COLOUR: dark blue

SIZES: S-3XL

- Waterproof and breathable
- Concealed zipper and buttons closure
- Foldaway hood
- Zippered chest pockets
- Inner wallet pocket with Velcro
- Muff pockets
- Elasticated cuffs and waistband
- Reflective piping on chest



COLD PROTECTION



PADDING
180
G/M²



DETACHABLE
INNER JACKET

EN 343 **MC4724QN** CONTENDER PILOT JACKET EN 343

MATERIAL: 100% waterproof polyester and 180 g/m² padding
COLOUR: blue/yellow
SIZES: S-3XL

- Four-in-one model
- Two-way concealed central zipper closure
- Windproof flap closed with snap buttons and Velcro
- Foldaway hood with drawstring
- Fleece collar lining
- Chest pockets with reflective piping, closed with flap and Velcro
- Right chest pocket with additional small pocket with water resistant zipper closure
- Concealed ID badge holder
- Inner pocket
- Elastic waist sides
- Cuffs in elasticated knit fabric, adjustable with Velcro
- Muff pockets
- Hi-vis yellow inserts and reflective striping
- Inner jacket detachable with zipper:
- Elastic knit cuffs, collar and waistband
- Zipper closure, detachable sleeves, muff pockets
- Reflective band around waist and sleeves

MC4724CD COLOUR: grey/orange

PADDING
220
G/M²

restyled

DETACHABLE SLEEVES



EN 14058 **MC4715Q7**
NASSAU JACKET
EN 14058

MATERIAL: PU coated polyester Twill fabric, with 220 g/m² padding on body and 180 g/m² on sleeves

COLOUR: navy blue

SIZES: S-3XL

- Warm, waterproof and breathable
- Concealed zipper closure with snap buttons
- Collar lining and cuffs in fleece fabric
- Detachable lined hood adjustable with drawstring
- Four three-dimensional pockets with flap and snap buttons
- Multi-purpose pocket with flap and Velcro with complete opening, badge holder, pen holder, phone pocket and many compartments
- Two inner pockets
- Side muff pockets
- Elasticated cuffs adjustable with Velcro

MC4715Z9 COLOUR: anthracite

MC4715S0 COLOUR: green

MC4711PN
GRIZZLY JACKET

MATERIAL: 60% polyester and 40% cotton fabric with Teflon® treatment, providing brightness and water resistance, 180 g/m² padding

COLOUR: blue/yellow inserts

SIZES: S-3XL

- Concealed central zipper closure with snap buttons
- Padded hood with drawstring, detachable with zipper
- Chest pockets with flap and button
- Left pocket with concealed badge holder
- Vertical zippered pocket
- Phone pocket on left forearm, right pocket with D-ring
- Detachable sleeves with zipper
- Elasticated knit cuffs
- Waistband with Velcro on sides
- Concealed muff pockets with zipper closure
- Three inner pockets and phone pocket with flap and Velcro fastening
- Inner compartment with zipper
- Reflective piping and reflective bands on shoulders, sleeves and waist



PADDING
180
G/M²



STORM PROOF

EN 343



PADDING

180

G/M²

EN 343



restyled

restyled

4 in 1

EN 343



MC4720P0 SIBERIAN SPLIT JACKET

EN 343

MATERIAL: PVC coated 100% polyester

Lining: 100% polyester, 180 g/m²

COLOUR: blue

SIZES: XS-3XL

- Four-in-one model, waterproof with detachable inner jacket
- Foldaway hood with drawstring
- Side pockets and three-dimensional pockets with waterproof flaps and Velcro
- Mobile phone pocket and pen holder on the right
- Concealed badge holder on the left
- Waist drawstring
- Detachable inner jacket with buttons that can be worn separately:
- Detachable sleeves with zipper
- Snap buttons closure and inner pocket
- Muff pockets and windproof knit cuffs

EN 343



MC4721P0 POLICE JACKET

EN 343

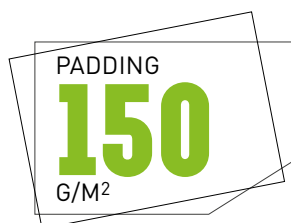
MATERIAL: PVC coated 100% polyester

Lining: 100% polyester, 180 g/m²

COLOUR: blue

SIZES: XS-3XL

- Four-in-one model, waterproof with detachable inner jacket
- Foldaway hood with drawstring
- Side pockets and three-dimensional pockets with waterproof flaps and Velcro
- Mobile phone pocket and pen holder on the right
- Concealed badge holder on the left
- Waist drawstring
- Reflective bands around sleeves, chest and bottom of the jacket
- Detachable inner jacket with buttons that can be worn separately:
- Detachable sleeves with zipper
- Snap buttons closure and inner pocket
- Muff pockets and windproof knit cuffs



MC4719P0
SIBERIAN JACKET
EN 343

MATERIAL: Outer: PVC coated 100% polyester, waterproof with 150 g/m² padding

COLOUR: blue

SIZES: S-3XL

- Concealed zipper closure with windproof flap and Velcro fastening
- Side three-dimensional pockets and chest pockets with waterproof flap and Velcro, with concealed badge holder on the left
- Vertical zippered pocket on the right
- Windproof elasticated knit cuffs
- Inner pocket fastened with Velcro

STORM PROOF

MC4712Q4
DAYTONA JACKET
EN 343

NEW

MATERIAL: PU coated Polyester Ripstop fabric, 160 g/m² padding

COLOUR: blue

SIZES: S-3XL

- Central zipper closure with inner and outer flap and concealed snap buttons
- Elasticated cuffs
- Zippered waterproof chest pocket
- Chest pocket with flap and ID badge holder loop
- Two lower pockets with wear-resistant trims
- Foldaway hood
- Inner pocket closed with Velcro
- Inserts in reflective fabric

FOLDAWAY HOOD

LAMINATED RIPSTOP
FABRIC

WATERPROOF
ZIPPER CLOSURES

REFLEX INSERTS

TAPED SEAMS



SAFETY SYSTEM

3IN1



PADDING
120
G/M²



NEW

DETACHABLE
INNER JACKET



EN 343



MC4713Z9
TRIAL JACKET
EN 343

MATERIAL: Twill Stretch bilaminate Clipper-TEX fabric, polyester lining, Nylon inner with 120 g/m² padding

COLOUR: black

SIZES: S-4XL

- Three-in-one model with detachable inner jacket
- Heat-sealed seams
- Concealed zipper closure with snap buttons
- Foldaway hood, adjustable with drawstring
- Zippered waterproof chest pocket
- Chest pocket with flap and badge holder loop
- Muff pockets on sides
- Elasticated cuffs adjustable with Velcro
- Internal pocket with Velcro fastening
- Inserts in reflective fabric
- The inner jacket, which can be worn separately, it is fitted with:
 - Two side zippered pockets
 - Inner wallet pocket with Velcro closure
 - Abrasion resistant polyester cuffs

EN 343



MC4717Z9
TRIAL TROUSERS
EN 343

MATERIAL: Twill Stretch bilaminate Clipper-TEX fabric, polyester lining

COLOUR: black

SIZES: S-3XL

- Elasticated waistband with string closure
- Interior-to-exterior side openings
- Back pocket with flap and Velcro
- Inserts in reflective fabric



ACCESSORIES



MC2311K1 WOMEN'S HAIRNET

MATERIAL: 100% cotton

COLOUR: white

SIZES: one size fits all

- Wide cotton hairnet with peak
- Hairnet in perforated cloth



MC2314K1 MEN'S CAP

MATERIAL: 100% cotton

COLOUR: white

SIZES: one size fits all



MC2321K1 BAHAMAS CAP

MATERIAL: 100% cotton and polyester mesh fabric

COLOUR: white

SIZES: one size fits all

- Baseball cap
- Adjustable width



MC6516K1 ORINOCO CAP

MATERIAL: Natural grain leather

COLOUR: white

SIZES: one size fits all

- Internal lining
- Adjustment strap



MC2317P0 LAVA BEANIE

MATERIAL: 100% acrylic knit

COLOUR: blue

SIZES: one size fits all



MC2316P0 BALACLAVA

MATERIAL: Fleece 100% polyester

COLOUR: blue

SIZES: one size fits all

- Extremely light and protective



MC2326P0 CUCULO BEANIE

MATERIAL: 50% wool, 50% acrylic

COLOUR: blue

SIZES: one size fits all



MC2320P0 FLEECE BEANIE

MATERIAL: 100% polyester

COLOUR: blue

SIZES: one size fits all

MC2320L0 COLOUR: red

MC2320S6 COLOUR: bottle green

MC2320Z9 COLOUR: black

MC2320N0 COLOUR: royal blue

MC2320H0 COLOUR: orange



MC2319P0 FLEECE NECKWARMER

MATERIAL: 100% polyester

COLOUR: blue

SIZES: one size fits all

- Elastic adjustment drawstring that turns it into a cap

MC2319L0 COLOUR: red

MC2319B0 COLOUR: grey

MC2319Z9 COLOUR: black



MC2325Z9
SONNY HEADBAND

MATERIAL: 100% polyester
COLOUR: black
SIZES: one size fits all



MC2315P0
COLD RESISTANT CAP

MATERIAL: 100% Nylon
COLOUR: blue
SIZES: one size fits all
· Ear flaps with snap buttons-fastening



MC2323P0
DALLAS CAP

MATERIAL: Cotton and polyester, denim fabric
COLOUR: blue
SIZES: one size fits all
· Baseball cap
· Side and rear area in polyester mesh for an enhanced breathability
· Width adjustable with Velcro



MC2332P0
VANCOUVER CAP

MATERIAL: 100% cotton
COLOUR: blue with red inserts
SIZES: one size fits all
· Baseball cap
· Thicker brim in contrasting colour
· Width adjustable with Velcro



MC2312E0
ASTRONAUTA CAP

MATERIAL: 100% cotton
COLOUR: yellow
SIZES: one size fits all
· Pre-curved brim
· Width adjustable with Velcro



MC2312P0
COLOUR: blue



MC2312H0
COLOUR: orange



MC2312S0
COLOUR: green



MC2312N0
COLOUR: royal blue



MC2312L5
COLOUR: red



MC2312K1
COLOUR: white



MC2324PC
NEW YORK CAP

MATERIAL: 100% cotton
COLOUR: light blue/blue with white profile
SIZES: one size fits all
· Width adjustable with Velcro



MC2313N0
ASTRONAUTA ITALY CAP

MATERIAL: 100% cotton twill, high frequency applications
COLOUR: royal blue
SIZES: one size fits all
· Baseball cap
· Width adjustable with Velcro

MC2313K1 COLOUR: white



MC2334E1
HIGH VISIBILITY CAP

MATERIAL: 100% polyester 120 g/m², 100% mesh polyester 110 g/m²
COLOUR: high visibility yellow
SIZES: one size fits all
· Mesh fabric insert
· Reflective inserts on cap and brim



ACCESSORIES



MC4952 MUFF HOLDER HOOK

- Muff or glove hook
- Belt attachment



MC4953 GLOVE HOLDER HOOK

- Glove hook
- Carabiner for attachment on belt loops



MC4954 CAP HOLDER HOOK

- Helmet hook
- Carabiner for attaching on belt loops



MC4949 TIBIA SAFE

- MATERIAL:** Polyester, EVA foam, TPU, Nylon
COLOUR: black
SIZES: one size fits all
- Tibial protection and knee pad
 - Protects from small splinters, splashes and impacts
 - Adjustable elastic bands



MC4950 K-SUPPORT BACK PROTECTION

MATERIAL: Rubber, polyester, Nylon
COLOUR: black
SIZES: S-2XL

- Back support for heavy-duty jobs
- Provides support when lifting loads, in order to maintain correct posture
- Velcro fastening



MC4947 PPE BAG BELT POUCH

MATERIAL: 100% polyester
COLOUR: black
SIZES: Height 14 cm

- Compartments to carry filters and half mask
- Protects from dirt and small accidental impacts



MC4948 HELMET BAG

MATERIAL: 100% polyester
COLOUR: black
SIZES: 38 x 40 cm

- Mesh fabric for better breathability
- Drawstring closure
- Protects the helmet from scratches and makes it easier to carry



MC4911 KGUARD KNEE PAD EN 14404

MATERIAL: Lightweight EVA foam
COLOUR: black
SIZES: one size fits all

- Variable thickness, tortoise shell design
- Ergonomic shape
- Multi-groove pattern
- Dimensions 23x17.5 cm



MC4925 HARD WEAR BELT

MATERIAL: 80% polyester, 20% cotton
COLOUR: black
SIZES: one size fits all

- Nickel-free metal buckle
- Quick and easy locking system
- 40 mm rigid fabric for extra durability
- Max length 125 cm



MC4951N0
GARDA TROLLEY

MATERIAL: ABS
COLOUR: light blue
SIZES: 38 x 20 x 55 cm

- Telescopic aluminium handle
- Expandable by 5 cm, for 25% additional capacity
- Four noiseless wheels with 360° motion
- Combination lock
- Inner partition pockets



MC4922QR
PACIFIC TROLLEY

MATERIAL: Nylon
COLOUR: navy blue/red
SIZES: 35 x 30 x 60 cm

- Semi-rigid trolley bag
- Three outer pockets
- Two-way zipper closure
- Retractable telescopic handle



MC4923QR
PACIFIC TROLLEY

MATERIAL: Nylon
SIZES: Height 50 cm



MC4916B0
COPENAGHEN BAG

MATERIAL: Extra-strong Nylon fabric
COLOUR: grey/black
SIZES: 70 x 37 cm

- Zippered side pockets
- Adjustable and retractable aluminium handle
- Two handles
- Rubberized aluminium wheels



MC4920L0
ALEXIS BACKPACK

MATERIAL: Light Nylon fabric
COLOUR: red
SIZES: 41 x 30 x 14 cm

- Outer mesh pocket
- Various compartments
- Zipper closures
- Side buckles
- Retaining rings

MC4920P0 COLOUR: blue
MC4920Z9 COLOUR: black
MC4920B0 COLOUR: grey
MC4920H0 COLOUR: orange



MC4914N0
SPORT BAG

MATERIAL: Polyamide
COLOUR: light blue
SIZES: 34 x 53 x 44 cm

- Lower hard part to store shoes
- Flexible top part for clothes

MC4914Z9 COLOUR: black
MC4914B0 COLOUR: grey
MC4914R6 COLOUR: green
MC4914L0 COLOUR: red
MC4914H0 COLOUR: orange
MC4914E0 COLOUR: yellow
MC4914P0 COLOUR: blue

MC4917X5
OVERLAND BAG

MATERIAL: two-tone fabric
COLOUR: black/camo
SIZES: 25 x 29 x 60 cm

- Waterproof zipper on the three outer pockets
- Two handles
- Adjustable shoulder strap



MC4918X5
OVERLAND BELT POUCH

MATERIAL: two-tone fabric
COLOUR: black/camo
SIZES: Height 15 cm



STANDARDS FOR SAFETY FOOTWEAR:

Footwear for professional use is Personal Protective Equipment (PPE) designed and manufactured to protect the worker's feet from various risks: mechanical (slipping, impact, compression, puncture, cut etc.), chemical (contact with hydrocarbons, mineral oils etc.), physical (moisture, water, heat, cold etc.) and electrical (antistatic properties, conductive properties etc.).

It is subject to the essential requirements set forth by EU Regulation 2016/425 for ergonomics, harmlessness, comfort and efficacy. The protective features of the footwear varies according to the specific needs of use. The selection of the right footwear for professional use depends on its protective features and on the risks present in the working environment.

Available in a variety of materials, footwear for professional use is divided into two classes:

I	footwear in leather or other materials, excluding shoes entirely in rubber or polymers (e.g. shoes with leather uppers and sole in polyurethane or rubber);
II	footwear entirely in rubber or polymers (e.g. boots entirely in rubber or PVC)

Both classifications may also be divided into a further 3 types, based on the protection features:

Safety footwear	fitted with protective toecap against impacts with energy up to 200 J or a compression load up to 15 kN (in compliance with European harmonized standard EN ISO 20345)
Protective footwear	fitted with protective toecap against impacts with energy up to 100 J or a compression load up to 10 kN (in compliance with European harmonized standard EN ISO 20346)
Work footwear	without protective toecap (EN ISO 20347)

All footwear for professional use must comply with some basic requirements concerning duration, comfort and harmlessness of the materials.

They must also assure slipping resistance with specific protection concerning the reduction of the slipping hazard on wet surfaces, divided into three levels:

SRA	test carried out on ceramic floor covered with water and detergent
SRB	test carried out on steel floor covered with glycerine
SRC	both the tests described above (SRA + SRB)

In addition, supplementary protection may be required against specific risks (mechanical, chemical, physical and electrical risk), such as: antistatic properties, energy absorption in the heel area, sole resistance to hydrocarbons, water penetration and absorption through the upper, penetration resistance of the outsole, cold or heat insulation, metatarsal protection etc.

Finally, certain supplementary protection categories are set out which sum up the most common protective features, divided into several markings:

S1	includes closed heel area, antistatic properties, energy absorption properties in the heel area and sole resistant to hydrocarbons
S2	like S1 + penetration resistance and water absorption through the upper
S3	like S2 + puncture resistant midsole and deep sole grooves
S4	like S1 (only valid for class II entirely of rubber or polymer footwear)
S5	like S4 + puncture resistant midsole and deep sole grooves

The code "S" identifies the safety categories for safety footwear (EN ISO 20345). Similar categories are set out for "P" coded protective footwear (EN ISO 20346) and "O" coded work footwear (EN ISO 20347).

The protection features offered by the footwear can be inferred from the markings on the footwear, providing the following indications:

- CE marking;
- shoe size;
- manufacturer's name or logo;
- article code;
- manufacturing date;
- benchmark standard;
- symbols and/or category of the protection offered.

Each pair of shoes also comes with an information note indicating the correct methods of use, storage and maintenance, cleaning and/or disinfection/decontamination, explanation of the marking and specific information for certain protection categories.

For specific risk situations, special footwear with specific additional protection is required. This includes footwear designed for cut protection against portable chainsaw, electrically insulating, specific for Fire Brigades, ESD.

Footwear designed for cut protection against portable chainsaw is fitted with special cut resistant fabric in the front part.

This material is able to slow down and block the saw chain thanks to the high tenacity fibres. This is the most effective method to block a chain saw before it can cut the entire thickness of the upper, preventing it from reaching the inner lining and, therefore, the user's leg.

Three protection levels are set forth, establishing different levels of cut resistance based on chain speed:

Class 1	20 metres/second
Class 2	24 metres/second
Class 3	28 metres/second

This footwear must be used with specific protective clothing, such as cut protection gloves, jackets, trousers, bib-trousers or coveralls.

Electrically insulating boots protect the user against electric shocks, preventing the passage of dangerous electric current through the feet.

These boots must meet standard EN 50321 which sets forth two protection classes:

Class 00	for installations with nominal voltage up to 500 VAC and 750 VDC
Class 0	for installations with nominal voltage up to 1000 VAC and 1500 VDC

Electrically insulating footwear is marked with a specific pictogram and indication of its protection class.

Footwear for the Fire Brigade and, in general, for risks arising from fire fighting has the purpose of protecting the user's feet and legs from injuries or damage that may be caused during operations: crushing of the toes; impact of heavy objects on the toes; foot puncture for trampling on sharp objects; impacts in the heel area; contact with hot surfaces; contact of feet and legs with water and moisture; radiant heat; flames.

Standard EN 15090 sets forth three different types of footwear:

Type 1	footwear suitable for external operations, forest fires; no protection against puncture, no toe protection, no protection against chemical risks. Footwear suited for generic rescues, fire fighting involving vegetable fuel such as forests, shrubs, plantations and grass
Type 2	footwear suitable for all fire and rescue operations where protection against puncture and toe protection is required, but no protection against chemical risks. Footwear suitable for fire fighting, fire suppression, checking the stability of structures and buildings, vehicles, ships and structures involved in fires or emergency situations
Type 3	footwear suitable for all fire and rescue operations where protection against puncture and toe protection is required, including protection against chemical risks. Footwear suitable for emergencies involving the release, even potential, of dangerous chemicals into the environment which may cause loss of human life, personal injury or damage to structures and the environment. Also suitable for fire rescue, fire suppression and consolidation of structures in aircraft, buildings, closed structures, vehicles, ships or similar structures that are involved in a fire or emergency situation (valid only for class II footwear made entirely of rubber or polymer)

Firefighters footwear is marked with a specific pictogram and indication of the Type.

Static electricity occurs through the superficial and localised accumulation of electric charges on a body made of electrically insulating material. This phenomenon can be caused by rubbing, separation, contact or by induction: the body that loses electrons is positively charged while the one that acquires them is negatively charged. The difference in electrostatic potential between two bodies may cause a discharge (shock) when they are drawn near and the environmental conditions may affect the amplitude of the phenomenon: for example if you walk on an insulating floor such as carpeting using insulating shoes, the electrostatic potential on the human body at low humidity (below 15%) may exceed 40,000 volts.

Therefore the management of electrostatic charges through the use of conductive and/or dissipative products is decisive.

Work areas protected and designed for handling sensitive components to the phenomenon of electrostatic charges are commonly defined as EPA (ESD Protected Area) while those at risk of explosion are defined as ATEX.

In both cases they require using dissipative/conductive materials and grounding not only of the components but also of the operator, for example through the person/footwear/floor connection.

There are a number of devices that may be used to ground the operator and, among these, footwear with ESD characteristics in combination with a dissipative floor is widely used.

In the cases where the worker needs to be protected from one or more risks for its health or safety (in addition to the workplace), using footwear for professional use with ESD specifications becomes mandatory.

The acronym ESD stands for Electro Static Discharge and indicates a discharge of static energy from one body to another. These discharges may reach values higher than 15,000 V, although they do not generally exceed 5,000 V, as is the case with the classic "shock" which one sometimes feel when getting out of one's car.

In workplaces at risk, ESD discharges may cause even serious accidents – they may trigger a fire if there are flammable materials – and may damage electronic equipment or its sensitive components.

It may be used in the production of sensitive electrical parts, painting, medical field, in works involving flammable liquids and/or gas etc.

Standard EN 61340 specifies the features of the protection systems to be used to assure reliable grounding, defining among other things the electrical resistance features of the footwear and the floor/footwear system, in order to maintain the operator's electrical potential values (HBV – Human Body Voltage) lower than 100 Volt even in low humidity premises.

Footwear for professional use with ESD specifications is designed and manufactured to protect the user from electrostatic discharges in workplaces at risk.

ESD marked footwear is electrically dissipative, i.e. it constantly discharges to the ground the static electricity accumulated by the human body. ESD footwear is recognizable by its yellow pictogram proving its specific conformity.



Work footwear conforming to German standard DGVU 112-191

Orthopaedic problems, which affect a significant portion of the adult population, have repercussions on the entire musculoskeletal system and on physical performance. The EN ISO 20345 standard requires protective footwear to be used only with the footbed inserted and that it should only be replaced by a similar one, provided by the original manufacturer of the footwear. The use of an orthopaedic device in place of the normal footbed may then entail a change/loss of the technical and protective characteristics of the shoe. Models bearing the DGVU 112-191 mark ensure that the certification of the entire shoe has been maintained and therefore its safety specifications, even with the use of an orthopaedic footbed.



Main features

Category	Feature Name	Description	
LINING	3D TEX	In polyester, especially designed to assure foot aeration thus reducing the effect of perspiration.	
	Dry PLUS	In polyester, with high draining power due to the high absorbing properties of the fabric and structure.	
	COLD INSULATION	Uses materials with excellent cold insulation properties.	
	TNT	Synthetic material, polypropylene, in non-woven fabric.	
	THINSULATE	Lining in Thinsulate fabric with very high cold insulation, with minimum thickness.	
FOOTBED	DRY MAX	In polyester, with wider weave design for greater aeration.	
	MULTI HOLE	Insole made in multi-perforated EVA material with anti-shock properties, having variable thickness: 3 mm at the front and 10 mm in the heel area. Polyester lining. Antistatic.	
	MAXIMUM	Super-footbed made in solid material obtained by joining EVA and RUBBER, having variable thickness: 5 mm at the front and 10 mm in the heel area. Only suited to footwear in the Maximum range. Antistatic.	
	FOOTBED	MEMORY FOAM	Insole made in two-component material with shell in polyurethane foam and memory PU having variable thickness: 4 mm at the front and 9 mm in the heel area. Considerable anti-shock properties. Antistatic.
		Cross Foam	Insole made with solid material in polyurethane foam with variable thickness: 2.5 mm at the front and 9 mm in the heel area. Lined and perforated in the plantar area with outstanding anti-shock properties. Antistatic.
Response		Insole made of high capacity polyurethane foam that is particularly suitable for heavy footwear. Variable thickness: 4.5 mm in the front area and 9 mm in the heel area. With outstanding anti-shock properties and hard-wearing. Lined in the plantar area. Antistatic.	
PUNCTURE-PROOF		METAL	Steel midsole.
		FLEX	Composite midsole with constant 4 mm thickness.
	SOLE	FORCE PU	(PU/PU) The special sole design assures a highly draining effect in the presence of liquids. Middle area with grooves designed to enhance grip on ladders. Anti-slip SRC standard.
		REACTOR	(PU/TPU) The wide cell polyurethane sole assures a very high shape memory effect. The TPU outsole assures long life, extreme mechanical resistance, flexibility, softness and hydrocarbon resistance. It has been designed with continuous horizontal grooving that support flexion and foot movements.
		SOLE	Nitril Plus
PU LIGHT			(PU/PU) Sole in low density polyurethane, light and resistant.
ULTRA LIGHT			(EVA/RUBBER) Sole in highly expanded EVA material, with high anti-shock power, which makes the shoes more flexible and lighter. Outsole in nitrile rubber which assures perfect adhesion on either dry or wet surfaces.
rubber MAX	(PU/Rubber) Consisting of an inner part in wide cell polyurethane with high memory effect for enhanced cushioning and avoid shocks. The black/red outsole in nitrile rubber with deep grooves is resistant to hydrocarbons, and is non-slip in wet conditions. The red inserts with greater density and hardness give the sole anti-twist features, which make it suitable for gravelly, rocky or uneven environments.		
TOECAP	METAL		In steel.
	SYNT CPS	In composite.	
	FIBER CPS	Fibreglass.	



FOOD SECTOR RANGE



MB1414

ARGON

SOLE: SEBS material
TOECAP: steel
COLOUR: light blue
SIZES: 35 - 36 / 45 - 46

EN ISO 20345 SB A E SRC



MB1415K1

BRERA

SOLE: EVA
COLOUR: white
SIZES: 34 - 47

EN ISO 20347 OB A E SRC
CEI EN 61340



NOT IN PHOTO

MB1415N0

COLOUR: light blue



MB1413

RECIFE

UPPER: bicast leather
LINING: synthetic
FOOTBED: leather
SOLE: single-density PU
COLOUR: white
SIZES: 35 - 46

EN ISO 20347 O2 FO SRC



MB1417K1

BLANCA

SOLE: EVA
 COLOUR: white
 SIZES: 34 - 47

EN ISO 20347 OB A E SRC
CEI EN 61340



Not in photo:

MB1417N0

COLOUR: light blue

MB1417Z9

COLOUR: black



MB1320

CLIMA

UPPER: microfibre
 COLOUR: white
 SIZES: 35 - 47

EN ISO 20345 SB A E FO SRC

LINING
TNT

TOECAP
FBERCPS

FOOTBED
MULTI HOLE

SOLE
PU LIGHT



MB1318

CLIMA BLACK

UPPER: microfibre
 COLOUR: black
 SIZES: 35 - 47

EN ISO 20345 SB A E FO SRC

LINING
TNT

TOECAP
FBERCPS

FOOTBED
MULTI HOLE

SOLE
PU LIGHT



RECOMMENDED FOR

- HEALTH SECTOR
- FOOD INDUSTRY
- HANDLING AND LOGISTICS
- CLEANERS
- MAINTENANCE TECHNICIANS AND INSTALLERS

FOOD SECTOR WHITE RANGE



LINING **3D TEX** TOECAP **FIBER CPS** FOOTBED **MULTI HOLE** SOLE **PU LIGHT**

MB1321

WHITE FOBIA

UPPER: microfibre
COLOUR: white
SIZES: 35 - 47

EN ISO 20345 S2 SRC
CEI EN 61340



LINING **TNT** TOECAP **FIBER CPS** FOOTBED **MULTI HOLE** SOLE **PU LIGHT**

MB1313

PRELUDE

UPPER: microfibre
COLOUR: white
SIZES: 35 - 47

EN ISO 20345 S2 SRC





MB1311

EVOK

UPPER: microfibre
COLOUR: white
SIZES: 35-47

EN ISO 20345 S2 SRC

LINING
TNT

TOECAP
METAL

FOOTBED
MULTI HOLE

SOLE
PU LIGHT



MB1319

KARIM FOBIA

UPPER: microfibre
COLOUR: white
SIZES: 35 - 47

EN ISO 20345 S2 SRC



LINING
TNT

TOECAP
FREE CBS

FOOTBED
MULTI HOLE

SOLE
PU LIGHT



NEW FOBIA SERIES



03

04

05



01 UPPER
with high breathability performances

02 FOOTBED
Multi-Hole in multi-perforated EVA material with anti-shock properties, having variable thickness. Antistatic

03 TOECAP
in fibreglass or steel

04 MIDSOLE
"T-FLEX" composite with constant 4 mm thickness or in steel

05 SOLE
PU Force PU/PU

01

02



NEW FOBIA

DESPITE THE WIDE FIT, NEW FOBIA IS THE LIGHTEST RANGE IN THE WIDE MARKET FOR SAFETY FOOTWEAR, THANKS TO THE DUAL-DENSITY WIDE CELL POLYURETHANE AND THE THIN SOLE, WHICH ALSO MAKES IT VERY FLEXIBLE AND LIGHT. THE FLAT OUTSOLE DESIGN IS VERY CHARACTERISTIC AND MAKES THE SHOES SUITED TO SMOOTH AND EVEN TERRAIN. WITH ITS MANY ADVANTAGES, THE NEW FOBIA RANGE HAS WON OVER A VERY LARGE NUMBER OF WORKERS.



MB1314

SILVER FOBIA

UPPER: perforated suede leather
 COLOUR: grey
 SIZES: 35 - 47

EN ISO 20345 S1 SRC

LINING
3D TEX

TOECAP
METAL

FOOTBED
 MULTI HOLE

SOLE
FORCE PU



MB1315

GREY FOBIA

UPPER: perforated suede leather
 COLOUR: grey
 SIZES: 35 - 47

EN ISO 20345 S1P SRC

LINING
3D TEX

TOECAP
METAL

PUNCTURE-PROOF
METAL

FOOTBED
 MULTI HOLE

SOLE
FORCE PU



MB1316

MAGIC FOBIA

UPPER: Air-Mesh
COLOUR: black / lime green
SIZES: 35 - 47

EN ISO 20345 S1P SRC



LINING
3D TEX

TOECAP
FIBER CPS

PUNCTURE-PROOF
FLEX

FOOTBED
MULTI HOLE

SOLE
PU
FORCE



MB1322

RAPID FOBIA

UPPER: Air-Mesh
COLOUR: black / lime green
SIZES: 35 - 47

EN ISO 20345 S1P SRC



LINING
3D TEX

TOECAP
FIBER CPS

PUNCTURE-PROOF
FLEX

FOOTBED
MULTI HOLE

SOLE
PU
FORCE



MB1317

LOW BLACK FOBIA

UPPER: microfibre
COLOUR: black
SIZES: 35 - 50

EN ISO 20345 S3 SRC



LINING
3D TEX

TOECAP
FIBER CPS

PUNCTURE-PROOF
FLEX

FOOTBED
MULTI HOLE

SOLE
PU
FORCE



MB1323

CHAMPION FOBIA

UPPER: polyester mesh
COLOUR: black / blue
SIZES: 35 - 47

EN ISO 20345 S3 SRC



LINING
3D TEX

TOECAP
FIBER CPS

PUNCTURE-PROOF
FLEX

FOOTBED
MULTI HOLE

SOLE
PU
FORCE



METAL TOP SERIES

THE NEW METAL TOP FOOTWEAR RANGE IS MADE WITH A PARTICULARLY WIDE AND COMFORTABLE SHAPE, WHICH ASSURES GREAT COMFORT. IT HAS BEEN DESIGNED USING WIDE CELL POLYURETHANE WHICH MAKES THE SHOES LIGHT AND HAS A GREAT CUSHIONING EFFECT. METAL TOP IS FOOTWEAR FOR UNIVERSAL USE THAT IS SUITED FOR ALL TYPES OF INDUSTRIAL ACTIVITIES, ASSURING OUTSTANDING RESULTS.



01 LACE EYELETS

shock-proof, their three-dimensional shape offers first protection in the event of metatarsus impacts

02 TOECAP

in fibreglass or steel

03 FOOTBED

Multi-Hole in multi-perforated EVA material with high draining power, thickness 3 mm in toe area and 10 mm in heel area

04 MIDSOLE

"T-FLEX" composite with constant 4 mm thickness or in steel

05 OVERCAP

assures long shoe duration, by protecting the leather on the front part from the inevitable shocks that occur during work

06 SOLE

deep grooves with draining effect in presence of liquids and anti-slip SRC standard. Wide groove in the middle area designed to enhance grip on ladders



THINNER PROFILE

Assures a sensation of lightness, flexibility and has an anti-stress effect.



DIRECTIONAL OUTSOLE

Wide grooves in the middle area designed to enhance grip on ladders.

METAL TOP





MB1520

MALIBU

UPPER: suede leather
COLOUR: grey
SIZES: 35 - 47

EN ISO 20345 S1 SRC

LINING

DryPLUS

TOECAP

METAL

FOOTBED

MULTI HOLE

SOLE

PU FORCE



HEEL GUARD PROTECTION



METAL TOP

HEEL GUARD PROTECTION



MB1521

MALIBU

UPPER: suede leather
COLOUR: grey
SIZES: 35 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP

METAL

PUNCTURE-PROOF



FOOTBED



SOLE



HEEL GUARD PROTECTION



MB1522

MONIX

UPPER: suede leather
COLOUR: grey
SIZES: 35 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP

FIBER CPS

PUNCTURE-PROOF



FOOTBED



SOLE



HEEL GUARD PROTECTION



MB1517

MONITOR

UPPER: suede leather
COLOUR: brown
SIZES: 35 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP

METAL

PUNCTURE-PROOF



FOOTBED



SOLE





SMART LACES

MB1518

NAOMI

UPPER: suede leather / Air-Mesh
 COLOUR: black / blue
 SIZES: 35 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



SMART LACES

MB1519

VIVA

UPPER: suede leather / Air-Mesh
 COLOUR: black / red
 SIZES: 35 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB1516

FORCE

UPPER: suede leather
 COLOUR: black-grey
 SIZES: 39 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



METAL TOP



MB1512

ANACONDA

UPPER: grain leather
COLOUR: black
SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING

3D TEX

TOECAP

METAL

PUNCTURE-PROOF

METAL

FOOTBED

MULTI HOLE

SOLE

PU FORCE



MB1511

ANACONDA

UPPER: grain leather
COLOUR: black
SIZES: 35 - 47

EN ISO 20345 S3 SRC

METAL FREE

LINING

3D TEX

TOECAP

FIBER CPS

PUNCTURE-PROOF

T FLEX

FOOTBED

MULTI HOLE

SOLE

PU FORCE



MB1527

SANTOS

UPPER: pigmented split leather
COLOUR: black
SIZES: 39 - 47

EN ISO 20345 S1P SRC

METAL FREE

LINING

Dry PLUS

TOECAP

FIBER CPS

PUNCTURE-PROOF

T FLEX

FOOTBED

MULTI HOLE

SOLE

PU FORCE



MB1513

FENICE

UPPER: grain leather
 COLOUR: black
 SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING
3D TEX
 TOECAP
FIBER CPS
 PUNCTURE-PROOF
TFLEX
 FOOTBED
 MULTI HOLE
 SOLE
 PU
FORCE



MB1514

FENICE

UPPER: grain leather
 COLOUR: black
 SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING
3D TEX
 TOECAP
METAL
 PUNCTURE-PROOF
METAL
 FOOTBED
 MULTI HOLE
 SOLE
 PU
FORCE



MB1529

WINTER FENICE

UPPER: grain leather
 COLOUR: black
 SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING
COLD INSULATION
 TOECAP
FIBER CPS
 PUNCTURE-PROOF
TFLEX
 FOOTBED
 MULTI HOLE
 SOLE
 PU
FORCE

TOTAL PLANE SERIES

OVERCAP

in the toe area, it protects the shoes from impacts during daily use

01

TOECAP

in composite

02

MIDSOLE

in "T-FLEX" composite with constant 4 mm thickness

03

FOOTBED

Cross Foam in solid material in polyurethane foam with variable thickness, anti-shock and antistatic

04

TOTAL PLANE FOOTWEAR OFFERS A PERFECT COMBINATION OF TECHNOLOGY, COMFORT AND DESIGN.

SOME TECHNICAL FEATURES MAKE THE SHOES SUITABLE AGAINST ANY WORK RISKS, SUCH AS THE COMPOSITE TOECAP AND THE PUNCTURE-PROOF MIDSOLE; OTHERS, SUCH AS THE WIDE FIT, THE FLAT SOLE SHAPE WITH 100% GRIP AND THE SOFTNESS PROVIDED BY WIDE CELL POLYURETHANE IMPROVE THE WORKER'S COMFORT, REDUCING FATIGUE AND INCREASING EFFICIENCY.

02

01



SIR TOTAL PLANE

04

03



TOTAL PLANE SERIES

SOLE
REACTOR PU/TPU

OUTSOLE
IN TPU, RESISTANT TO OIL AND HYDROCARBONS, WITH HIGH MECHANICAL RESISTANCE AND LONG DURATION

GROOVES

- WITH OPEN ANGLES TO DRAIN ANY DIRT BUILD-UP
- HORIZONTAL TO SUPPORT FOOT BENDING AND MOVEMENTS
- INFINITY TYPE FOR LIQUID DRAINAGE



MB1815

CAMARO BLACK

UPPER: Air Mesh
COLOUR: black
SIZES: 35 - 47

EN ISO 20345 S1P SRC
CEI EN 61340



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE





MB1811

JUMP

UPPER: Air Mesh
 COLOUR: black-grey
 SIZES: 39 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB1816

YUCON

UPPER: nubuck leather with fabric inserts
 COLOUR: black
 SIZES: 39 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB1817

SIERRA

UPPER: perforated suede leather
 COLOUR: grey
 SIZES: 36 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



TOTAL PLANE SERIES



MB1823

ZENIT

UPPER: extra strong nubuck leather
 COLOUR: black
 SIZES: 35 - 47

EN ISO 20345 S3 SRC
CEI EN 61340



- LINING
Dry PLUS
- TOECAP
SYNTCPS
- PUNCTURE-PROOF
T FLEX
- FOOTBED
Cross Foam
- SOLE
REACTOR



MB1824

PLATINUM

UPPER: extra strong nubuck leather
 COLOUR: black
 SIZES: 39 - 47

EN ISO 20345 S3 SRC
CEI EN 61340



- LINING
3D TEX
- TOECAP
SYNTCPS
- PUNCTURE-PROOF
T FLEX
- FOOTBED
Cross Foam
- SOLE
REACTOR



MB1812

BINOMA

UPPER: suede leather with water repellent treatment
 COLOUR: grey-blue
 SIZES: 39 - 47

EN ISO 20345 S3 SRC

- LINING
Dry PLUS
- TOECAP
SYNTCPS
- PUNCTURE-PROOF
T FLEX
- FOOTBED
Cross Foam
- SOLE
REACTOR



MB1821

FELIX

UPPER: ultra soft nubuck leather
 COLOUR: yellow
 SIZES: 39 - 47

EN ISO 20345 S3 SRC

LINING
DRY MAX

TOECAP
SYNTCPS

PUNCTURE-PROOF
TFLEX

FOOTBED
Cross Foam

SOLE
REACTOR



MB1822

SEDAN

UPPER: ultra soft nubuck leather
 COLOUR: yellow
 SIZES: 39 - 47

EN ISO 20345 S3 SRC

LINING
DRY MAX

TOECAP
SYNTCPS

PUNCTURE-PROOF
TFLEX

FOOTBED
Cross Foam

SOLE
REACTOR



ULTRA LIGHT SERIES





01 UPPER

without seams for greater foot fitting

02 TOECAP

in fibreglass

03 HIGH DURABILITY CAP SYSTEM

High durability overcap in TPU

04 SOLE

Ultra Light in highly expanded EVA material, with high anti-shock properties, which makes the shoes lighter

05 MIDSOLE

in "T-FLEX" composite with constant 4 mm thickness

06 FOOTBED

Memory Foam in two-component material with shell in polyurethane foam and memory PU having variable thickness. Anti-shock and antistatic

07 REAR SUPPORT IN TPU

to optimize stability in the heel area



ULTRA LIGHT

SIR HAS DESIGNED THE NEW ULTRA LIGHT RANGE TO MEET THE SPECIFIC SAFETY NEEDS OF ANY WORKER WHO IS LOOKING FOR EXTREMELY LIGHT, BREATHABLE AND COMFORTABLE SHOES. THIS RANGE COMBINES A CUTTING-EDGE DESIGN, SEAMLESS UPPER IN NYLON, TEAR AND CUT-RESISTANT, WITH AN ERGONOMIC AND ULTRA-FLEXIBLE SOLE IN EVA/RUBBER WHICH ASSURES MAXIMUM COMFORT. ULTRA LIGHT FOOTWEAR IS ESPECIALLY SUITED FOR ENVIRONMENTS, WHERE GROUND IS NOT VERY UNEVEN.



MB2011

SETA

UPPER: polyester mesh
COLOUR: black-orange
SIZES: 36 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2012

FANTASY

UPPER: polyester mesh
COLOUR: black-lime green
SIZES: 36 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE





MB2013

FACTOR

UPPER: polyester mesh
 COLOUR: black
 SIZES: 36 - 47

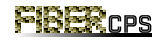
EN ISO 20345 S1P SRC
CEI EN 61340



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2014

K-PLUS

UPPER: nylon fibre
 COLOUR: grey
 SIZES: 36 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2015

K3-PLUS

UPPER: nylon fibre
 COLOUR: grey
 SIZES: 36 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



ULTRA LIGHT



MB2018

CAMBERRA

UPPER: nylon fibre

COLOUR: grey

SIZES: 36 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



DIELECTRIC FOOTWEAR



IN COMPLIANCE WITH
ASTM F2413-11

MB2016

DIELECTRIC

UPPER: nylon fibre

COLOUR: black-lime green

SIZES: 39 - 47

EN ISO 20345 SBP SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE





MB2017

LIME ARMOUR

UPPER: nylon fibre
 COLOUR: grey-lime green
 SIZES: 36 - 47

EN ISO 20345 S3 SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2019

RED ARMOUR

UPPER: nylon fibre
 COLOUR: grey-red
 SIZES: 36 - 47

EN ISO 20345 S3 SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



OVERCAP SERIES

SHOES WITH SOLID DESIGN, SUITABLE FOR VERY ROUGH TERRAIN. THE VERY WIDE SHAPE ASSURES COMFORTABLE FIT FOR ANY KIND OF FEET. THE WIDE CELL POLYURETHANE OF THE SOLE ASSURES HIGH ANTISHOCK PERFORMANCE.

04

01



01 OVERCAP

protects the front part leather from the inevitable shocks that occur during working activities

02 UPPER

water repellent grain leather

03 FOOTBED

antistatic RESPONDER in highly supportive polyurethane foam, with variable thickness and anti-shock properties

04 TOECAP

in fibreglass

05 MIDSOLE

in "T-FLEX" composite with constant 4 mm thickness

06 SOLE

PU FORCE in PU/PU

02

06

05

03



OVERCAP SERIES



MB2114

OVERCAP

UPPER: grain leather
 COLOUR: black
 SIZES: 38 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2113

OVERCAP MAX

UPPER: grain leather
 COLOUR: black
 SIZES: 38 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2120

OVERCAP FAST

UPPER: grain leather
 COLOUR: black
 SIZES: 38 - 47

EN ISO 20345 S3 SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE





WELDING PROTECTION

MB2112

OVERCAP SALDATORE

UPPER: printed grain leather with Velcro fastening

COLOUR: black

SIZES: 38 - 47

EN ISO 20345 S3 SRC

LINING

3D TEX

TOECAP

FIBER CPS

PUNCTURE-PROOF

FLEX

FOOTBED

MULTI HOLE

SOLE

PU FORCE



SLIP OUT SOLE



WELDING PROTECTION

MB2212

NITRAL SALDATORE

UPPER: printed grain leather with Velcro fastening

COLOUR: black

SIZES: 39 - 47

EN ISO 20345 S3 HRO SRA

LINING

3D TEX

TOECAP

SYNT CPS

PUNCTURE-PROOF

FLEX

FOOTBED

ResponDER

SOLE

Nitril Plus



METATARSAL PROTECTION

MB2111

OVERCAP METATARSO

UPPER: printed grain leather

COLOUR: black

SIZES: 38 - 47

EN ISO 20345 S3 M SRC

LINING

3D TEX

TOECAP

FIBER CPS

PUNCTURE-PROOF

FLEX

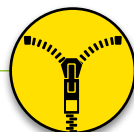
FOOTBED

MULTI HOLE

SOLE

PU FORCE

OVERCAP SERIES



QUICK OPENING
WITH SIDE ZIP

MB2115

OVERCAP ETHNIC

UPPER: grain leather
COLOUR: black
SIZES: 38 - 47

EN ISO 20345 S3 SRC

LINING

Dry PLUS

TOECAP

FIBER CPS

PUNCTURE-PROOF

T FLEX

FOOTBED

«**Response**»

SOLE

PU
FORCE



MB2117

OVERCAP PLUS

UPPER: printed grain leather
COLOUR: black
SIZES: 38 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2116

OVERCAP INFINITY

UPPER: grain leather
COLOUR: black
SIZES: 38 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MAXIMUM SERIES

THE MAXIMUM RANGE HAS BEEN DESIGNED FOR ENVIRONMENTS WITH PRESENCE OF HYDROCARBONS AND CHEMICALS AGAINST WHICH THE RUBBER OUTERSOLE IS PARTICULARLY SUITABLE. THE BICOMPONENT RUBBER MAX SOLE IN POLYURETHANE/RUBBER THAT THE MAXIMUM SHOES ARE FITTED WITH, CONSISTS OF AN INTERNAL PART IN WIDE CELL POLYURETHANE WITH A HIGH MEMORY EFFECT THAT PROMOTES CUSHIONING AND PREVENTS SHOCKS.

THE BLACK/RED OUTSOLE IN NITRILE RUBBER WITH DEEP GROOVES IS RESISTANT TO HYDROCARBONS, AS WELL AS SLIP RESISTANT ON WET SURFACES. THE RED INSERTS WITH GREATER DENSITY AND HARDNESS GIVE THE SOLE ANTI-TWIST FEATURES, WHICH MAKE IT SUITABLE FOR GRAVELLY, ROCKY OR UNEVEN TERRAINS.



OUTSOLE IN NITRILE RUBBER,
ANTI-HEAT, ANTI-ACID,
ANTI-OIL, ANTI-WEAR,
ANTI-SLIP

FLEXIBLE AREA DOUBLE HEIGHT
HIGH RESISTANCE

INFINITE TYPE SIDE GROOVES FOR
DRAINAGE OF LIQUIDS

HIGH TENACITY TPU MESH
IN CONTRASTING COLOUR TO
ENSURE ANTI-TWIST

RUNG STOP CRAMPONS FOR A
BETTER STABILITY ON LADDERS

SHOCK ABSORBER

01

02

03

04

05



01 UPPER
grain leather

02 EXTRA WIDE FIT

**03 HIGH DURABILITY
CAP SYSTEM**
durability overcap in TPU

04 TOECAP
in composite material

05 MIDSOLE
in "T-FLEX" composite with constant 4 mm
thickness

06 SUPER-FOOTBED
"MAXIMUM" in solid EVA and RUBBER material
with variable thickness, antistatic



06

MAXIMUM SERIES

MB2311

OASIS

UPPER: nubuck leather

COLOUR: black

SIZES: 39 - 47

EN ISO 20345 S3 HRO SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



MB2314

MOTOR

UPPER: first choice grain leather

COLOUR: black

SIZES: 38 - 47

EN ISO 20345 S3 HRO SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE



QUICK OPENING
WITH SIDE ZIP





MB2313

PRIMA

UPPER: first choice grain leather with waterproof membrane, Ankle Protection system: increased protection on the malleolus zone

COLOUR: black
SIZES: 39 - 47

EN ISO 20345 S3 WR AN HRO SRC

LINING

DryPLUS

TOECAP

FIBER CPS

PUNCTURE-PROOF

T FLEX

FOOTBED

MAXIMUM

SOLE

rubber MAX



MB2316

VECTOR

UPPER: nubuck leather, with Cordura ankle band
COLOUR: black
SIZES: 39 - 47

EN ISO 20345 S3 CI HRO SRC

LINING

THINSULATE

TOECAP

FIBER CPS

PUNCTURE-PROOF

T FLEX

FOOTBED

MAXIMUM

SOLE

rubber MAX



SPECIAL PROTECTION SERIES



MB2412

ASPHALT

UPPER: grain leather
 SOLE: nitrile rubber resistant to heat up to 250° C
 TOECAP: steel
 PUNCTURE-PROOF: composite
 COLOUR: black
 SIZES: 40 - 46

EN ISO 20345 S2P HRO HI FO SRC

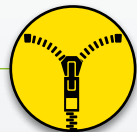


MB2411

SAVER BOOT

UPPER: grain leather
 SOLE: nitrile rubber
 COLOUR: black
 SIZES: 39 - 47

EN ISO 17249 A E P WRU FO SRA Class 1



LINING
3D TEX

TOECAP
SYNT CPS

PUNCTURE-PROOF
T FLEX

FOOTBED
Respondef

SOLE
Nitril Plus



MB2413
FORESTIER

UPPER: vulcanized rubber with front and side protection against chainsaw
SOLE: nitrile rubber
LINING: natural canvas cotton
TOECAP: steel
FOOTBEDS: anatomic and breathable
COLOUR: red
SIZES: 39 - 47

EN ISO 20345 SB E FO SRA
EN ISO 17249 Class 3



MB2414
APOLLO 12

UPPER: greased full grain leather
SOLE: nitrile rubber resistant to heat up to 250° C
LINING: Sympatex / Tepor membrane
TOECAP: steel
PUNCTURE-PROOF: composite
COLOUR: black/red
SIZES: 38 - 47

EN 15090 F2A HI3 AN CI SRC



MB2416
DIELECTRICAL

UPPER: vulcanised rubber
SOLE: nitrile rubber resistant to contact heat
LINING: special dielectric grade polyester
TOECAP: steel
FOOTBEDS: anatomic and breathable
COLOUR: yellow/green
SIZES: 39 - 47

EN ISO 20345 SB E FO HRO SRA
EN 50321 Class 0



CARRY HANDLES

MB2415
FIREFIGHTER

UPPER: heatproof vulcanised rubber
SOLE: rubber resistant to contact heat
LINING: heavy duty canvas cotton
TOECAP: steel
PUNCTURE-PROOF: steel
FOOTBEDS: anatomic and breathable
COLOUR: black/yellow
SIZES: 39 - 47

EN ISO 20345 S5 HI CI HRO SRA
EN 15090 F2A HI3 P CI SRA



BOOTS



MB2612

BLOOD REP

MATERIAL: nitrile rubber
COLOUR: white
SIZES: 36 - 47

EN ISO 20347 OB E SRC



MB2611

SAFETY BLOOD REP

MATERIAL: nitrile rubber
TOECAP: steel
FOOTBEDS: antistatic latex foam
COLOUR: white
SIZES: 36 - 48

EN ISO 20345 S4 SRC



MB2711

PU-BOOT

MATERIAL: PU
SOLE: PU
LINING: PU coated polyester
TOECAP: steel
FOOTBEDS: polyurethane foam
COLOUR: white
SIZES: 36 - 47

EN ISO 20345 S4 CI SRC



MB2713

PU-BOOT

MATERIAL: PU
SOLE: PU
LINING: PU coated polyester
TOECAP: steel
PUNCTURE-PROOF: steel
FOOTBEDS: polyurethane foam
COLOUR: green
SIZES: 36 - 49

EN ISO 20345 S5 CI SRC



BOOTS



MB2511

U2

MATERIAL: nitrile PVC
TOECAP: steel
COLOUR: white
SIZES: 36 - 47

EN ISO 20345 S4 SRA



MB2512Z9

UB 40

MATERIAL: PVC
TOECAP: steel
PUNCTURE-PROOF: steel
COLOUR: black
SIZES: 36 - 47

EN ISO 20345 S5 SRA



MB2512E0

UB40

MATERIAL: PVC
TOECAP: steel
PUNCTURE-PROOF: steel
COLOUR: yellow
SIZES: 36 - 46

EN ISO 20345 S5 SRA



MB9711

COLD RESISTANT SOCK

MATERIAL: eco wool
COLOUR: white
SIZES: 36 - 47



MB2714

JUMBO

MATERIAL: PU
SOLE: PU/TPU
LINING: 30% wool, 30% acrylic, 40% polyester
TOECAP: fibreglass
PUNCTURE-PROOF: composite
COLOUR: black
SIZES: 39 - 47

EN ISO 20345 S5 CI SRC



MB2715

PETROL

MATERIAL: PU
SOLE: PU/TPU
LINING: PU coated polyester
TOECAP: fibreglass
PUNCTURE-PROOF: composite
FOOTBEDS: in polyurethane foam
COLOUR: black
SIZES: 39 - 47

EN ISO 20345 S5 CI SRC



MB2516

SUPER WET

MATERIAL: PVC
HEIGHT: knee
COLOUR: green
SIZES: 39 - 47

EN ISO 20347 OB E SRA

Not in photo:

**MB2515
WET**

MATERIAL: PVC
HEIGHT: calf
COLOUR: green
SIZES: 39 - 47



MB2517

WADER

MATERIAL: PVC + nitrile rubber
LINING: polyester
TOECAP: steel
PUNCTURE-PROOF: steel
COLOUR: green
SIZES: 39 - 46

EN ISO 20345 S5 SRC



ACCESSORIES



MB9818
MULTI-HOLE

MAIN FEATURES: Insole made in multi-perforated EVA with anti-shock properties, having variable thickness: 3 mm at the front and 10 mm in the heel area. Polyester lining. Antistatic.

SIZES: 35 - 47



MB9821
SOFT LEATHER

MAIN FEATURES: Bicomponent footbed with 3 mm even thickness. Consisting of 1 mm leather and 2 mm polyurethane foam. Antistatic.

SIZES: Women's 36 - 40, men's 41 - 45



MB9825
MAXIMUM

MAIN FEATURES: Super-footbed made in solid material obtained by joining EVA and RUBBER, having variable thickness: 5 mm at the front and 10 mm in the heel area. Only suited to footwear in the Maximum range. Antistatic.

SIZES: 38 - 47



MB9819
MEMORY FOAM

MAIN FEATURES: Insole made in bicomponent material with shell in polyurethane foam and Memory PU having variable thickness: 4 mm in the front part and 9 mm in the heel area with considerable anti-shock properties. Antistatic.

SIZES: 36 - 47



MB9815
CROSS FOAM

MAIN FEATURES: Insole made with solid material in polyurethane foam with variable thickness: 2.5 mm at the front and 9 mm in the heel area. Lined and perforated in the plantar area with outstanding anti-shock properties. Antistatic.

SIZES: 35 - 47



MB9823
DUAL GEL

MAIN FEATURES: Super-footbed in bicomponent GEL material with variable thickness: 4 mm at the front and 9 mm in the heel area. Shell in GEL material featuring 20 shores hardness with low-density inserts in the plantar and heel area to increase the anti-shock effect. Antistatic.

SIZES: Women's 36 - 40, men's 41 - 45



MB9824
RESPONDER

MAIN FEATURES: Insole made in highly supportive polyurethane foam that is particularly suitable for heavy footwear. Variable thickness: 4.5 mm in the front area and 9 mm in the heel area. With outstanding anti-shock properties and hard-wearing. Lined in the plantar area. Antistatic.

SIZES: 38 - 47



MB9820
ORTOX

MAIN FEATURES: Tricomponent footbed mainly consisting of polyurethane foam inserted on a rear TPU shell with contrasting colour anti-shock inserts in the heel and middle plantar area. Variable thickness: 4.5 mm at the front and 10 mm in the heel area. Antistatic.

SIZES: Women's 36 - 40, men's 41 - 45

MC4930
LONG LISLE COTTON SOCKS

MAIN FEATURES: Knee-high socks in 100% lisle cotton.
Blue.
SIZES: 40-46



MC4928
SUMMER SOCKS

MAIN FEATURES: Summer socks, knee-high, in 100% cotton.
White.
SIZES: 40-46



MC4927
SUMMER SOCKS

MAIN FEATURES: Short summer socks, in 100% lisle cotton.
Blue.
SIZES: 40-46



MC4934
SKY SOCKS

MAIN FEATURES: Cold resistant sock in wool and acrylic.
Grey.
SIZES: 39-42 / 43-46



MC4935
JOGGING SOCKS

MAIN FEATURES: Functional sock, reinforced to ensure long-lasting performance.
White.
SIZES: 39-42 / 43-46



MC4933
WINTER SOCKS

MAIN FEATURES: Technical sock in brushed cotton with Cool-Max breathable fabric, winter version.
Light grey.
SIZES: 39-42 / 43-46



MC4929
HEAVY SOCKS

MAIN FEATURES: Heavy socks, knee-high, in wool and acrylic.
Bicolour.
SIZES: 39-42 / 43-46



MC4931
TREKKING SOCKS

MAIN FEATURES: Technical sock in breathable fabric, with reinforced cotton sole.
Grey.
SIZES: 39-42 / 43-46



MC4932
FRESCO SOCKS

MAIN FEATURES: Functional sock in cotton blend, excellent breathability due to the Cool-Max fabric, cool effect.
Black.
SIZES: 39-42 / 43-46



GLOVES - STANDARD GUIDELINES

CATEGORY	DESCRIPTION
Cat. I	Minimal hazards, minor protection demand.
Cat. II	Medium hazards, good cut resistance, abrasion and puncture. The gloves must be tested by an independent, approved body. The gloves will bear the CE marking with the pictogram.
Cat. III	Protection against irreversible and fatal hazards. The gloves must be tested and certified by an approved body that will implement periodical quality checks. The approved body will be identified by a number shown in the glove marking, next to the CE mark.

BASIC REQUIREMENTS FOR GLOVES ACCORDING TO EN 420

This standard defines the minimum requirements for gloves. It sets the recommended values for: chrome VI and pH. Moreover, glove dexterity is expressed through a test (minimum level 1 max 5). The standard also sets out the conversion chart of glove sizes with regard to hand width and length.



EN 388 MECHANICAL HAZARD

	PERFORMANCE LEVELS				
	1	2	3	4	5
Abrasion resistance (in number of cycles)	≥ 100	≥ 500	≥ 2000	≥ 8000	-
Blade cutting resistance (resistance index)	≥ 1,2	≥ 2,5	≥ 5,0	≥ 10,0	≥ 20,0
Tear resistance (in Newton)	≥ 10	≥ 25	≥ 50	≥ 75	-
Puncture resistance (in Newton)	≥ 20	≥ 60	≥ 100	≥ 150	-

	PERFORMANCE LEVELS					
	A	B	C	D	E	F
TDM: cut resistance (in Newton)	≥ 2	≥ 5	≥ 10	≥ 15	≥ 22	≥ 30

X Test not performed



EN 1082 CUT AND KNIFE PROTECTION

The standard specifies the design requirements, penetration resistance, ergonomic features, straps, weight, material, marking and instructions for use of gloves and arm protectors (in metal mesh EN 1082-1 or with other material EN 1082-2).



EN 60903 ELECTRICAL HAZARD

Specific for insulating gloves for high voltage work. Classification of gloves:

CLASS	TEST VOLTAGE	WORKING VOLTAGE	CAT.	RESISTANT TO
00	2500V	500V	A	Acid
0	5000V	1000V	H	Oil
1	10000V*	7500V	Z	Ozone
2	20000V*	17000V	R**	Acid, oil, ozone, higher level of mechanical resistance
3	30000V*	26500V	C	Extremely low temperature
4	40000V*	36000V	F***	Leakage current

* Subject to six-monthly voltage test

** Category R combines the characteristics of categories A, H and Z

*** Category F is only valid for long gloves (length >800 mm)

HAND SIZE	HAND CIRCUMFERENCE (IN MM)	HAND LENGTH (IN MM)	MINIMUM LENGTH GUARANTEED BY SIR
(in mm)	152	160	220
7 / S	178	171	230
8 / M	203	182	240
9 / L	229	192	250
10 / XL	254	204	260
11 / XXL	279	215	270



EN ISO 374-1 CHEMICAL HAZARD

Whether total immersion or merely a splash is involved, any substance which could irritate, inflame or burn the skin is classified as a chemical hazard. Some substances can cause the skin to become sensitised over a period of time while others have a more immediate and painful effect. EN ISO 374-1 is the European standard concerning the performance of chemical protective gloves. A list of 18 chemicals, identified by the letters A to T, has been drawn up so that a more informed choice can be made. Manufacturers must test the gloves against 6 of these chemicals for Type A gloves, 3 for Type B and 1 for Type C, before obtaining approval. Penetration and permeation of the chemical agents through the glove are measured to establish the breakthrough time, which identifies the permeation level of the gloves. In order to obtain approval, "chemically resistant" gloves must have a permeation level greater than 2 (Type A or B gloves) or 1 (Type C gloves). The marking on the gloves, underneath the pictogram, shows the letters for the chemicals they have been tested for, according to the following table:

KEY TO CHEMICALS		
LETTER CODE	CHEMICAL PRODUCT	CAS NUMBER
A	Methanol	67-56-1
B	Acetone	67-64-1
C	Acetonitrile	75-05-8
D	Dichloromethane	75-09-2
E	Carbon disulphide	75-15-0
F	Toluene	108-88-3
G	Diethylamine	109-89-7
H	Tetrahydrofuran	109-99-9
I	Ethyl acetate	141-78-6
J	n-Heptane	142-82-5
K	Sodium hydroxide 40%	1310-73-2
L	96% sulphuric acid	7664-93-9
M	65% nitric acid	7697-37-2
N	Acetic acid, 99%	64-19-7
O	Ammonium hydroxide, 25%	1336-21-6
P	Hydrogen peroxide, 30%	7722-84-1
S	40% hydrofluoric acid	7664-39-3
T	Formaldehyde, 37%	50-00-0

	PERMEATION LEVELS					
	1	2	3	4	5	6
Breakthrough time (minutes)	>10	>30	>60	>120	>240	>480



EN ISO 374-5 BACTERIOLOGICAL HAZARD

VIRUS

The standard specifies a test method for penetration resistance of protective gloves against microorganisms (bacteria, fungi and viruses). If the marking of the gloves contains the word "VIRUS" under the pictogram, this means that the gloves have been tested and specifically guaranteed for protection against viruses.



EN 1149 ANTISTATIC PROTECTION

The standard specifies the requirements for material and design of protective clothing that dissipates electrostatic charges, used as part of a system of total grounding to prevent discharges that may trigger fires. The standard does not apply to gloves that dissipate electrostatic discharges (ESD), which are separate and are not an integral part of the clothes. The requirements may be insufficient in flammable, oxygen-enriched atmospheres. The standard is not applicable for protection against mains voltage.



EN 381-7 CHAINSAW PROTECTION

Protective gloves for chainsaw users. The standard sets out two types of gloves: Type A for five-finger gloves without cut protection of the fingers or thumb; Type B for gloves or mittens as in Type A, with additional cut protection on the back of the fingers but not on the thumb. Four protection classes are set out, based on the saw chain speed.

	PROTECTION CLASSES			
	0	1	2	3
Chain speed (m/s)	16	20	24	28



EN ISO 10819 VIBRATION PROTECTION

The standard specifies a method for laboratory measurement, data analysis and reporting of the vibration transmissibility of gloves as vibration transmitted from a handle through a glove to the palm in one-third octave frequency bands with centre frequencies of 25 Hz to 1250 Hz.



EN 407 HEAT PROTECTION

The standard specifies the requirements, test methods, information to be supplied, and marking for gloves that provide protection against heat and/or fire. It is used for all gloves that protect the hands against heat and/or flames in one or more of the following forms: fire, contact heat, convective heat, radiant heat, small splashes, and large projections of molten metal.

		PERFORMANCE LEVELS			
		1	2	3	4
BURNING BEHAVIOUR	Flame resistance duration	≤ 20"	≤ 10"	≤ 3"	≤ 2"
RESISTANCE TO CONTACT HEAT	≥ 15 seconds at:	100°C	250°C	350°C	500°C

RESISTANCE TO CONVECTIVE HEAT	Heat transfer (HTI)	≥ 4"	≥ 7"	≥ 10"	≥ 18"
RESISTANCE TO RADIANT HEAT	Heat transfer (t24)	≥ 7	≥ 20	≥ 50	≥ 95
RESISTANCE TO SMALL SPLASHES OF MOLTEN METAL	Number of drops of molten metal which produces a temperature rise by 40°C	≥ 10	≥ 15	≥ 25	≥ 35
RESISTANCE TO LARGE SPLASHES OF MOLTEN METAL	Weight (in gr) of molten iron required to cause a superficial burn	30	60	120	200



EN 12477 WELDING PROTECTION

Protection from hazards associated with manual welding of metals, cutting and related processes.

According to their performance, welding protective gloves are classified in two types: **Type A** lesser dexterity - **Type B** greater dexterity.



EN 511 COLD PROTECTION

Cold can refer to anything from cold water to frozen gases. It is important to know the type of hazard and the temperature involved in order to recommend suitable protection.

	1	2	3	4	5
Convective cold resistance (thermal insulation in m ² K/W)	≥ 0,10	≥ 0,15	≥ 0,22	≥ 0,30	-
Contact cold resistance (thermal resistance in m ² K/W)	≥ 0,025	≥ 0,05	≥ 0,10	≥ 0,15	-
Water permeable - level 1 Waterproof - minimum for 30 minutes	-	-	-	-	-



NORMS FOR FOOD SAFETY

To regulate food handling in the food sector, the European Union has drawn up EC Regulation 1935/2004 and (where applicable) EU Regulation 10/2011. In Italy, Ministerial Decree of 21 March 1973 also applies for rubber gloves. These regulations ensure that the gloves intended to come into contact, either directly or indirectly, with food do not release such amounts of their components into foodstuff as to jeopardise human health nor do they entail unacceptable modifications in composition, taste and smell of food.

Proof that the product is suitable for contact with food is given by the symbol or the wording "Food Safe for use in the Food Industry". The marking is shown on the packaging together with the manufacturer's name and address. All Sir Safety gloves bearing the Food Safe symbol are certified as being suitable for use in food handling.

EN 455 MEDICAL USE

The standard specifies the requirements and provides the test methods for disposable medical gloves in order to establish: the absence of holes; the physical properties (to ensure they provide and maintain during their use an adequate protection level of both patient and user against mutual contamination); the storage duration; the evaluation of biological safety; labelling and disclosure of the information concerning the test methods used.





GLOVES



LEATHER GLOVES

RECOMMENDED FOR

- CONSTRUCTION
- LOGISTICS
- AUTOMOTIVE INDUSTRY AND LINKED ACTIVITIES
- METALLURGIC INDUSTRY
- HANDLING IN PORT AND AIRPORT PREMISES

SPLIT LEATHER

ESPECIALLY SUITED FOR WELDING ACTIVITIES, THE RANGE OF SPLIT LEATHER GLOVES OFFERS EXCELLENT MECHANICAL RESISTANCE, HIGH TEAR, ABRASION AND PUNCTURE RESISTANCE. ASSURES EXCELLENT HEAT INSULATION.

GRAIN LEATHER

GRAIN LEATHER OFFERS EXCELLENT MECHANICAL RESISTANCE, HIGH TEAR, ABRASION AND PUNCTURE RESISTANCE. IT ALSO ASSURES EXCELLENT HEAT INSULATION AND PROMOTES HAND BREATHABILITY. THE SOFTNESS OF OUR HIGH QUALITY LEATHER ENSURES A GREAT LEVEL OF COMFORT DURING USE.



MA1111

GIAMAICA

MATERIAL: Second choice split leather, back in denim cloth

- Cuff in stiff denim cloth
- Colour: natural grey
- Dexterity 3
- Size 10



2132X



MA1121

TASMANIA

MATERIAL: Top quality split leather

- Driver cuff
- Colour: natural grey
- Dexterity 4
- Size 10



3132X



MA1112

ITAPARICA

MATERIAL: Top quality split leather

- 7 cm split leather cuff
- Colour: natural grey
- Dexterity 3
- Size 10



3132X



MA1114

SHETLAND

MATERIAL: Top quality split leather

- 15 cm split leather cuff
- Colour: natural grey
- Dexterity 3
- Size 10



3132X



MA1122

SAMUI

MATERIAL: Split pigskin leather

- Cotton cloth back
- Cotton cuff
- Colour: natural sand
- Dexterity 3
- Size 10



MA1127

GIAVA

MATERIAL: Grain kidskin leather

- Knit cotton back
- Cuff stretch knit fabric
- Colour: natural white
- Dexterity 5
- Size 9-10



MA1133

NAXOS

MATERIAL: Grain pigskin leather

- Back in stretch cotton knit
- Knit cuff with Velcro fastening
- Colour: natural white
- Dexterity 5
- Size 7-8-9-10



MA1127

BALI - LADIES' VERSION

- Size 7



MA1123

SPARTA

MATERIAL: Top quality split leather, double layer on palm and fingers

- 7 cm split leather cuff
- Colour: natural grey
- Dexterity 3
- Size 10



MA1113

VICTORIA

MATERIAL: Top quality split leather, reinforced palm and thumb

- 7 cm split leather cuff
- Colour: natural grey
- Dexterity 3
- Size 10



MA1120

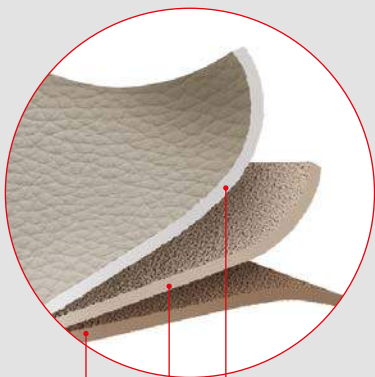
REUNION

MATERIAL: Top quality split leather with back in heavy cotton cloth

- Stiff cotton cloth gauntlet cuff with wrist protection
- Two-colour, grey/blue
- Dexterity 4
- Size 10



LEATHER GLOVES



GRAIN LEATHER

TOP QUALITY SPLIT LEATHER

SECOND CHOICE SPLIT LEATHER



MA1117

MAYORCA

MATERIAL: Grain calfskin leather

- 7 cm split leather gauntlet cuff with wrist protection
- Colour: natural white
- Dexterity 3
- Size 7-8-9-10

EN 388



2132X



MA1119

FLORES

MATERIAL: Grain calfskin leather

- Perforated grain leather back
- 7 cm split leather gauntlet cuff with wrist protection
- Colour: natural white
- Dexterity 3
- Size 9-10

EN 388



2132X



MA1124

CELEBES

MATERIAL: Grain calfskin leather

- Split leather back
- Extra 20% split leather gauntlet cuff
- Colour: natural white
- Dexterity 4
- Size 8-9-10

EN 388



2 1 3 2 X

EN 407



1 2 1 X 1 X



MA1125

SOLOMON

MATERIAL: Heavy calfskin split leather with Kevlar® seams

- Heavy cotton cloth back
- 16 cm stiff cloth gauntlet cuff with wrist protection
- Colour: yellow
- Dexterity 3
- Size 10

EN 388



4 1 4 4 X

EN 407



X 2 X X X X



MA1130

MADEIRA

MATERIAL: Grain calfskin leather

- Heavy cloth back
- Stiff cloth gauntlet cuff
- Colour: natural white
- Dexterity 3
- Size 10-11

EN 388



2 1 3 2 X



MA1129

BORNEO

MATERIAL: Grain calfskin leather

- Split leather back with elastic
- Driver cuff
- Colour: natural white
- Dexterity 3
- Size 8-9-10-11

EN 388



3 1 3 2 X



MA1115

CAYMAN

MATERIAL: Grain cowhide leather

- Back in split leather
- 7 cm split gauntlet cuff with wrist protection
- Colour: natural white
- Dexterity 3
- Size 10

EN 388



2 1 3 2 X



MA1116

CIPRO

MATERIAL: Grain cowhide leather

- Grain leather back with elastic
- Driver cuff
- Colour: natural white
- Dexterity 4
- Size 7-8-9-10-11

EN 388



3 1 3 2 X



GENERAL APPLICATIONS GLOVES

RECOMMENDED FOR

- CONSTRUCTION, PLUMBING AND PLANT ENGINEERING
- INDUSTRIAL PLANTS MAINTENANCE AND INSTALLATION
- METALWORKING INDUSTRY
- FOUNDRIES
- HANDLING, LOGISTICS AND TRANSPORT
- STORAGE AND PACKAGING





MA1312

LOTO

MATERIAL: Cotton knit

- Cuffs
- Colour: natural
- Dexterity 5
- Size 7-9



MA1315

BIANCOSPINO

MATERIAL: Twisted bleached cotton

- Cuffs
- Colour: white
- Dexterity 5
- Size 7-9



MA1524

TW 300 GRIP

MATERIAL: Para-aramid knit fabric with PVC dotted palm

- Cuff in stretch knit fabric
- Colour: yellow
- Dexterity 3
- Size S-L

EN 388



2 3 4 X X



MA1421

RUBBERTEX

MATERIAL: Polyester/cotton knit

- Wear-resistant rubber coating
- Cuff in stretch knit fabric
- Colour: blue
- Dexterity 4
- Size S-M-L-XL

EN 388



2 2 4 2 X



MA1211

MIRÒ

MATERIAL: Light cotton knit

- Wear-resistant NBR coating
- Stretch cotton knit cuff
- Colour: yellow
- Dexterity 5
- Size 7-8-9-10

EN 388



4 1 2 1 X



MA1212

MIRÒ

MATERIAL: Light cotton knit

- Wear-resistant NBR coating
- Stretch cotton knit cuff
- Colour: blue
- Dexterity 4
- Size 8-9-10

EN 388



4 1 3 1 X



MA1214

MIRÒ

MATERIAL: Heavy cotton knit

- Wear-resistant NBR coating
- Cotton cloth gauntlet cuff
- Colour: blue
- Dexterity 4
- Size 8-9-10

EN 388



4 1 3 1 X



MA1215

MIRÒ

MATERIAL: Heavy cotton knit

- Wear-resistant NBR coating on palm and back
- Cotton cloth gauntlet cuff
- Colour: blue
- Dexterity 4
- Size 8-9-10

EN 388



4 1 3 1 X



HEAT RESISTANT GLOVES



RECOMMENDED FOR

- METALLURGIC AND FOUNDRY INDUSTRY
- GLASS INDUSTRY
- CEMENT WORKS
- CATERING



MA1616

OWEN

MATERIAL: Nomex and Kevlar® knit fabric

- Highly insulating cotton knit lining
- Elasticated knit cuff
- Colour: yellow
- Dexterity 4
- Size M-XL



MA1617

SILICON OWEN

MATERIAL: Nomex and Kevlar® knit fabric with anti-slip silicone stripes on palm

- Highly insulating cotton knit lining
- Elasticated knit cuff
- Colour: yellow
- Dexterity 4
- Size M-XL



MA1618

LONG OWEN

MATERIAL: Nomex and Kevlar® knit fabric with anti-slip silicone dots on palm

- Highly insulating cotton knit lining
- 14 cm stretch knit cuff
- Colour: white
- Dexterity 4
- Size M-XL



MA1118

TAIWAN

MATERIAL: Heat-resistant split leather

- Denim cotton lining
- Total length 35 cm
- Colour: green
- Dexterity 4
- Size 10



MA1126

GUMARE

MATERIAL: Heat resistant split leather specific for welding with heat resistant Kevlar® seams

- Heat resistant cotton lining
- Total length 40 cm
- Colour: orange/grey
- Dexterity 1
- Size 10



MA1612

MISSOURI

MATERIAL: 85% para-aramid, 15% polyamide

- TNT Modacrylic lining
- Total length 38 cm
- Colour: yellow
- Dexterity 2
- Size 10



MA1613

WYOMING

MATERIAL: 100% para-aramid fibre and aluminised film

- Total length 38 cm
- Colour: aluminium
- Dexterity 5
- Size 10



COATED TEXTILE GLOVES



EXCELLENT GRIP AND SENSITIVITY, GOOD MECHANICAL RESISTANCE. GREAT COMFORT THANKS TO THE COMPLETE ABSENCE OF SEAMS AND TO THE HIGH BREATHABILITY PROPERTIES. ALSO SUITABLE FOR USE WITH MODERATE AMOUNTS OF OIL AND GREASE.

MA1415

NIKEL

MATERIAL: Extra fine nylon knit fabric with antistatic properties

- Anti-slip polyurethane coating on fingers
- Cuff in stretch knit fabric
- Colour: grey
- Dexterity 5
- Size 6-7-9

EN 388



1122X



MA1416

SPANDEX

MATERIAL: Extra fine nylon knit fabric

- Anti-slip polyurethane coating on fingers
- Cuff in stretch knit fabric
- Colour: white
- Dexterity 5
- Size S-M-L

EN 388



2131X





RECOMMENDED FOR

- ASSEMBLY PROCESSES OF ELECTRICAL COMPONENTS
- MECHANICAL PARTS MOUNTING AND ASSEMBLY
- INDUSTRIAL PLANTS MAINTENANCE AND INSTALLATION
- CONSTRUCTION, PLUMBING AND ELECTRO-MECHANICAL SECTOR
- PACKAGING, PACKING AND SORTING
- FOOD INDUSTRY

MA1417



SPANDEX GRIP

MATERIAL: Extra fine nylon knit fabric

- Anti-slip polyurethane coating on palm and fingers
- Cuff in stretch knit fabric
- Colour: white
- Dexterity 5
- Size XS-S-M-L-XL

MA1418



SPANDEX BLACK

MATERIAL: Extra fine nylon knit fabric

- Anti-slip polyurethane coating on palm and fingers
- Cuff in stretch knit fabric
- Colour: grey
- Dexterity 5
- Size XS-S-M-L-XL

MA1414



SILK

MATERIAL: Extra fine nylon knit fabric

- Anti-slip polyurethane coating on palm and fingers
- Cuff in stretch knit fabric
- Colour: blue
- Dexterity 5
- Size XS-S-M-L-XL

SUPER FINE FABRIC



NEW

MA1427



GENIO

MATERIAL: Fine nylon knit fabric

- Anti-slip nitrile microfoam coating
- Cuff in stretch knit fabric
- Colour: white
- Dexterity 5
- Size S-M-L-XL

MA1420



REFILL

MATERIAL: Fine nylon knit fabric

- Elastic latex foam coating
- Cuff in stretch knit fabric
- Colour: yellow
- Dexterity 5
- Size 7-8-9-10

MA1439



MAX GRIP

MATERIAL: Nylon and Spandex Oeko-Tex knit fabric

- Anti-slip coating in breathable nitrile foam
- Cuff in stretch knit fabric
- Colour: black
- Dexterity 5
- Size S-M-L-XL

MA1440



SILK PRO CUT

MATERIAL: High tenacity Dytex knit

- Nitrile foam coating
- Cuff in stretch knit fabric
- Dexterity 5
- Colour: green
- Size 6-7-8-9-10-11

RECOMMENDED
FOR

- DIY, GARDENING
- AGRICULTURAL AND FORESTRY ACTIVITIES
- CONSTRUCTION, PLUMBING AND PLANT ENGINEERING
- INDUSTRIAL PLANTS INSTALLATION AND MAINTENANCE
- HANDLING, LOGISTICS AND TRANSPORT
- STORAGE AND PACKAGING

SUPER GRIP GLOVES

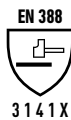


A RANGE THAT STANDS OUT FOR THE EXCELLENT GRIP AND HIGH SENSITIVITY LEVEL, EXCELLENT ALSO WHILE HANDLING GREASY AND OILY PARTS. EXCELLENT COMFORT THANKS TO THE COMPLETE ABSENCE OF SEAMS AND TO THE HIGH BREATHABILITY PROPERTIES.



MA1423

INNOFLEX



MATERIAL: Nylon knit fabric

- Nitrile/polyurethane foam coating, dotted palm
- Cuff in stretch knit fabric
- Colour: black
- Dexterity 3
- Size 7-8-9-10



MA1425

TOTAL



MATERIAL: Nylon knit fabric

- Waterproof nitrile foam coating
- Cuff in stretch knit fabric
- Colour: black
- Dexterity 4
- Size 8-9-10



MA1426

REFLEX



MATERIAL: Fine nylon knit fabric

- Nitrile foam coating
- Cuff in stretch knit fabric
- Colour: grey
- Dexterity 5
- Size S-M-L-XL



MA1429

REDDY



MATERIAL: Nylon knit fabric

- Microporous nitrile foam finish
- Cuff in stretch knit fabric
- Colour: red
- Dexterity 5
- Size 7-8-9-10



MA1433

GEKO



MATERIAL: Nylon knit fabric

- Double micro-porous nitrile coating
- Cuff in stretch knit fabric
- Colour: blue
- Dexterity 5
- Size 7-8-9-10



MA1432

ACTIVE GRIP 325



MATERIAL: Nylon knit fabric

- Double micro-rough NBR coating
- Cuff in stretch knit fabric
- Colour: orange
- Dexterity 5
- Size 8-9-10





**CUT PROTECTION
DYTEX FIBRE**



CUT PROTECTION DYTEX FIBRE

RECOMMENDED FOR

- INDUSTRIAL ASSEMBLY AND MOUNTING, MAINTENANCE AND INSTALLATION
- PROCESSING AND HANDLING OF METALLIC MATERIALS
- FOOD INDUSTRY
- COLLECTION AND SORTING OF SPECIAL WASTE
- PRECISION WORK

DYTEX FIBRE HAS REMARKABLE CUTPROOF PROPERTIES. COATED WITH NON-SLIP AND ANTIABRASION MATERIALS, THE GLOVES IN THIS RANGE FEATURE OUTSTANDING GRIP, PRECISION AND VERSATILITY. THEY ARE RECOMMENDED FOR PROCESSING WITH HIGH CUT HAZARD.



MA1512

DYTEX

MATERIAL: High tenacity Dytex knit

- Wear-proof polyurethane coating
- Cuff in stretch knit fabric
- Colour: grey
- Dexterity 5
- Size 6-7-8-9-10-11

EN 388



4 X 4 2 B

MA1511

SLAUTER

MATERIAL: High tenacity Dytex knit with steel core

- Cuff in stretch knit fabric
- Colour: white
- Dexterity 5
- Size 6-7-8-9-10-11

EN 388



3 5 4 X C



MA1530

CYBERCUT

MATERIAL: High tenacity Dytex fabric with special fibres

- Microporous nitrile coating
- Cuff in stretch knit fabric
- Colour: high visibility yellow
- Dexterity 5
- Size 8-9-10-11

EN 388



4 X 4 3 E



MA1513

COBRA



MATERIAL: High tenacity Dytex knit with special fibres

- Micro-rough wear-proof NBR coating
- Cuff in stretch knit fabric
- Colour: black
- Dexterity 5
- Size 8-9-10-11



MA1515

HERCULE



MATERIAL: High tenacity Dytex knit with special fibres

- Nitrile coating
- Cuff in stretch knit fabric
- Colour: grey
- Dexterity 5
- Size 8-9-10-11



MA1514

SYNERGY



MATERIAL: High tenacity Dytex knit and special fibres with acrylic thermal effect lining

- Anti-slip nitrile foam coating
- Cuff in stretch knit fabric
- Colour: black
- Dexterity 3
- Size 7-8-9-10



MA1516

MARINE



MATERIAL: High tenacity Dytex knit with special fibres

- Polyurethane coating
- Cuff in stretch knit fabric
- Colour: light blue
- Dexterity 5
- Size 7-8-9-10



MA1533

DYTEX INNOFLEX DOT



MATERIAL: High tenacity Dytex knit with special fibres

- Dotted nitrile foam coating
- Cuff in stretch knit fabric
- Colour: grey
- Dexterity 5
- Size 8-9-10



MA1517

AIDEN



MATERIAL: High tenacity Dytex knit with special fibres

- Anti-slip nitrile foam double coat coating
- Cuff in stretch knit fabric
- Colour: blue
- Dexterity 5
- Size 7-8-9-10



MULTI-PURPOSE CUT PROTECTION GLOVES



NEW

MA1534

MAX IMPACT

MATERIAL: High tenacity Dytex knit

- Anti-slip finish with back protection
- Knit cuff with Velcro fastening
- Colour: light blue
- Dexterity 5
- Size 8-9-10-11

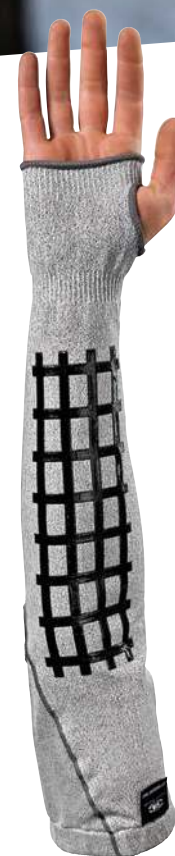


MA1520

ARMEX

MATERIAL: Aramid knit fabric

- Length 44 cm
- Colour: yellow
- Dexterity 5
- One size fits all



NEW

MA1531

SUPER ARMEX

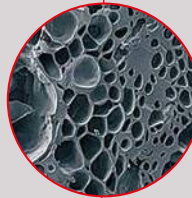
MATERIAL: Cut-proof knit

- Silicone inserts
- Length 52 cm
- Colour: grey
- Dexterity 5
- One size fits all





COATED IN
NON-SLIP
SATIN NITRILE



COATED IN
ACID-RESISTANT NBR



MAIN BODY IN
CUT RESISTANT
DYTEX FIBRE



MA2420

SAKIM

MATERIAL: Dytex knit

- Double NBR coating + satin nitrile finish
- Gauntlet cuff length 16 cm
- Colour: petroleum green
- Dexterity 5
- Size 8-9-10

EN 388



4 X 4 3 E

EN ISO 374-1

TYPE B



J K L

EN ISO 374-5



VIRUS



MA1523

POWER PALM

MATERIAL: Midweight Kevlar® knit

- Anti-slip micro-rough latex coating
- Cuff stretch knit fabric
- Colour: yellow
- Dexterity 4
- Size 8-9-10

EN 388



4 X 4 2 E



MA1527

SOCRATE

MATERIAL: High tenacity Dytex knit

- Double micro-porous nitrile coating
- Cuff in stretch knit fabric
- Colour: grey
- Dexterity 5
- Size 8-9-10-11

EN 388



4 X 4 4 D



EXTRA
REINFORCEMENT



NEW

MA1529

PALM SHIELD

MATERIAL: High tenacity Dytex knit

- Double micro-porous nitrile coating
- Cuff in stretch knit fabric
- Colour: high visibility yellow/blue
- Dexterity 5
- Size 8-9-10-11

EN 388



4 X 4 2 C



MIRÒ EXTRA GLOVES

HIGH MECHANICAL RESISTANCE.
OIL, LIQUID AND ACID REPELLENT.
ASSURES EXCELLENT GRIP AND A QUICK REMOVAL.
ANTIBACTERIAL AND ANTI-ODOUR TREATMENT.



MA1219

MIRÒ EXTRA

MATERIAL: Heavy cotton knit

- Abrasion proof, anti-oil NBR coating
- Cotton cloth gauntlet cuff
- Colour: blue
- Dexterity 4
- Size 8-9-10

EN 388



4 2 3 2 X

SIR
SAFETY SYSTEM®



EN ISO 374-1
MIRÒ EXTRA
MA1219
10



SPIN DI M. CATERINA (TORINO) 100070111
VIA DEI FORNACIARI 9 - 10011 ASTI (AT) - ITALIA www.sirsafety.com

MA1220

MIRÒ EXTRA

MATERIAL: Heavy cotton knit

- Abrasion proof, anti-oil NBR coating on palm and back
- Cotton cloth gauntlet cuff
- Colour: blue
- Dexterity 4
- Size 8-9-10

EN 388



4 2 3 2 X

EN ISO 374-1
TYPE B



G K L

EN ISO 374-5



SIR
SAFETY SYSTEM®
MIRÒ EXTRA MA1220 10
EN ISO 374-1 TYPE B
EN ISO 374-5



MA1221

MIRÒ EXTRA

MATERIAL: Heavy cotton knit

- Abrasion proof, anti-oil NBR coating on palm and back
- 12 cm cotton cloth gauntlet cuff
- Colour: blue
- Dexterity 3
- Size 8-9-10

EN 388



4 2 3 2 X

EN ISO 374-1
TYPE B



G K L

EN ISO 374-5



RECOMMENDED FOR

- CONSTRUCTION, PLUMBING AND PLANT ENGINEERING
- INDUSTRIAL PLANTS MAINTENANCE AND INSTALLATION
- METALWORKING INDUSTRY
- FOUNDRIES
- HANDLING, LOGISTICS AND TRANSPORT
- STORAGE AND PACKAGING



DISPOSABLE LATEX GLOVES

RECOMMENDED FOR

- FOOD PREPARATION
- LABORATORY ACTIVITIES
- PHARMACEUTICAL INDUSTRY
- CLEANING COMPANIES
- HOSPITAL
- ASSEMBLY OF SMALL SIZED OBJECTS
- AUTOMOTIVE

MA2014

ANTIVIRUS

MATERIAL: Latex, AQL 1,5

- Powdered inner
- Smooth finish
- Colour: white
- Size XS-S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



A D G I K

EN ISO 374-5



VIRUS



MA2012

MEDICAL

MATERIAL: Latex, AQL 1,5

- Chlorinated inner
- Textured surface
- Colour: white
- Size XS-S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



A D G I K

EN ISO 374-5



VIRUS



MA2013

FORMA

MATERIAL: Thicker latex, AQL 1.5, length 30 cm

- Chlorinated inner
- Textured surface
- Colour: black
- Size S-M-L-XL
- 50 PCS/BOX

EN ISO 374-1
TYPE B



A D G I K

EN ISO 374-5



VIRUS



DISPOSABLE VINYL GLOVES

AVAILABLE IN THE POWDERED AND UNPOWDERED VERSION ALL FEATURING SMOOTH SURFACE.



MA1911

DAILY

MATERIAL: Stretch vinyl, AQL 1.5

- Non-powdered inner
- Smooth finish
- Colour: white
- Size S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



ADG I K
EN ISO 374-5



VIRUS

MA1912

VANTAGE

MATERIAL: Vinyl, AQL 1.5

- Powdered inner
- Smooth finish
- Colour: clear
- Size XS-S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



G K L
EN ISO 374-5



MA1913

CAMELOT

MATERIAL: Vinyl, AQL 1.5

- Powdered inner
- Smooth finish
- Colour: blue
- Size S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



G K L
EN ISO 374-5



DISPOSABLE NITRILE GLOVES

RECOMMENDED FOR

- FOOD PREPARATION
- LABORATORY
ACTIVITIES
- PHARMACEUTICAL
INDUSTRY
- CLEANING COMPANIES
- ASSEMBLY OF SMALL
SIZED OBJECTS
- MECHANICS
- HYDRAULICS
INDUSTRY

FEATURING GOOD RESISTANCE TO CHEMICAL
SUBSTANCES, THEY ARE SUITABLE FOR FOOD
HANDLING AND PREPARATION.
THANKS TO THEIR HIGH COMFORT,
THEY ASSURE EXCELLENT SENSITIVITY



MA2111

DEFENDER

MATERIAL: Nitrile, AQL 1,5

- Chlorinated inner
- Textured finger finish
- Colour: black
- Size S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



ADG1K

EN ISO 374-5



VIRUS



MA2113

SKINNY

MATERIAL: Nitrile, AQL 1,5

- Chlorinated inner
- Textured finger finish
- Colour: light blue
- Size XS-S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



ADG1K

EN ISO 374-5



VIRUS



NEW

MA2112

TEMPO

MATERIAL: Nitrile, AQL 1,5

- Chlorinated inner
- Textured surface
- Colour: white
- Size S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE B



ADG1K

EN ISO 374-5



VIRUS



MA2116

SUPERFINE

MATERIAL: Nitrile, AQL 1,5

- Chlorinated inner
- Textured finger finish
- Colour: indigo
- Sizes S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
TYPE C



ADG1K



HIGH RISK GLOVES

APOLLO AND NITRIL KLEEN
FEATURE CHLORINATED INNER
AND TEXTURED FINISH TO
ASSURE EXCELLENT GRIP.
APOLLO IS IN DOUBLE THICKNESS
LATEX FOR GREATER SAFETY.





MA2417

INTEGRA 300

MATERIAL: Nitrile 0,2 mm

- Length 65 cm
- Not flock-lined
- Roughened finish
- Colour: white
- Size XL
- 1 pair/BOX

EN 388

 0 0 0 1 X
 EN ISO 374-1
 TYPE C

 K T
 EN ISO 374-5

RECOMMENDED FOR

- POLICE FORCES AND FORENSICS
- LABORATORIES
- PHARMACEUTICAL AND CHEMICAL INDUSTRY
- CLEANING COMPANIES
- ACTIVITIES IN CLEANROOMS



MA2115

NITRIL KLEEN

MATERIAL: Vacuum-packed nitrile

- Length 31 cm with beaded cuff
- Chlorinated inner
- Textured surface
- Colour: white
- Size S-M-L-XL
- 100 PCS/BOX

EN ISO 374-1
 TYPE B

 A D G I K
 EN ISO 374-5



MA2011

APOLLO

MATERIAL: Latex, AQL 1,5

- Length 29.5 cm with beaded cuff
- Chlorinated inner
- Textured surface
- Colour: light blue
- Size S-M-L-XL
- 50 PCS/BOX

EN ISO 374-1
 TYPE B

 A D G I K
 EN ISO 374-5

 VIRUS



CHEMICAL RESISTANCE CHART

CHEMICAL RESISTANCE LIST					
CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NATURAL LATEX	PVC	BUTYL
1 Acetaldehyde	Red	Yellow	Yellow	Yellow	Green
2 Acetophenone (phenyl methyl ketone)	Red	Red	Red	Red	Green
3 Acetone (2-Propanone)	Red	Red	Yellow	Red	Green
4 Acetonitrile	Red	Yellow	Yellow	Red	Green
5 Acetic acid, 10%	Yellow	Green	Yellow	Green	Green
6 Acetic acid, 50%	Red	Yellow	Yellow	Green	Green
7 Acetic acid, concentrated	Red	Yellow	Red	Green	Green
8 Amidosulfonic acid	Green	Green	Green	Yellow	Green
9 Boric acid, saturated	Green	Green	Green	Yellow	Green
10 Citric acid, saturated	Green	Green	Green	Green	Green
11 Chromosulphuric acid, 10%	Red	Green	Green	Yellow	Green
12 Chromosulphuric acid, concentrated	Red	Red	Red	Green	Green
13 Hydrofluoric acid, 10%	Yellow	Green	Yellow	Green	Green
14 Hydrofluoric acid, 40%	Yellow	Green	Yellow	Green	Green
15 Formic acid, 10%	Red	Green	Yellow	Green	Green
16 Formic acid, 50%	Red	Green	Yellow	Green	Green
17 Formic acid, 98%	Red	Green	Green	Green	Green
18 Phosphoric acid, 10%	Green	Green	Green	Green	Green
19 Phosphoric acid, 50%	Green	Green	Green	Green	Green
20 Phosphoric acid, saturated	Green	Green	Green	Green	Green
21 Fumaric acid, saturated	Green	Green	Green	Yellow	Green
22 Lactic acid, 90%	Green	Green	Green	Green	Green
23 Maleic acid, saturated	Green	Green	Green	Green	Green
24 Malonic acid	Green	Green	Green	Yellow	Green
25 Muriatic acid, 10%	Green	Green	Green	Green	Green
26 Muriatic acid, 20%	Green	Green	Yellow	Green	Green
27 Muriatic acid, 32%	Green	Green	Yellow	Green	Green
28 Nitric acid	Red	Red	Red	Red	Green
29 Nitric acid, 10%	Yellow	Green	Yellow	Green	Green
30 Nitric acid, 50%	Red	Green	Yellow	Green	Green
31 Nitric acid, 65%	Red	Red	Red	Green	Green
32 Nitric acid, fuming	Red	Red	Red	Red	Yellow
33 Oxalic acid, saturated	Yellow	Green	Green	Green	Green
34 Welding acid 103	Green	Green	Green	Green	Green
35 Perchloric acid, 60%	Yellow	Green	Yellow	Green	Green

CHEMICAL RESISTANCE LIST					
CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NATURAL LATEX	PVC	BUTYL
36 Sulphuric acid	Green	Green	Green	Green	Green
37 Sulphuric acid, 10%	Green	Green	Green	Green	Green
38 Sulphuric acid, 50%	Green	Green	Yellow	Green	Green
39 Sulphuric acid, 96%	Yellow	Red	Red	Green	Green
40 Tannic acid, 10%	Green	Green	Green	Green	Green
41 Tannic acid, saturated (tannin)	Yellow	Green	Green	Green	Green
42 Water	Yellow	Green	Green	Green	Green
43 Hydrogen peroxide, 3%	Yellow	Green	Green	Green	Green
44 Hydrogen peroxide, 30% (Perhydrol)	Yellow	Green	Green	Green	Green
45 Turpentine	Yellow	Green	Yellow	Green	Green
46 Isobutyl alcohol (isobutanol)	Green	Green	Green	Red	Green
47 Isopropyl alcohol (isopropanol)	Green	Green	Green	Red	Green
48 Methyl alcohol (methanol)	Red	Yellow	Yellow	Green	Green
49 Propyl alcohol (1-propanol)	Yellow	Green	Yellow	Green	Green
50 Amyl alcohol (1-pentanol)	Green	Yellow	Yellow	Green	Green
51 Butyl alcohol (1-butanol)	Yellow	Green	Yellow	Green	Green
52 Ethyl alcohol (ethanol)	Red	Green	Green	Green	Green
53 Propionaldehyde	Red	Red	Red	Red	Green
54 Ammonia, 10%	Green	Green	Green	Green	Green
55 Ammonia, 25%	Yellow	Yellow	Green	Green	Green
56 Aniline	Red	Red	Yellow	Green	Green
57 Antifrogen n	Green	Green	Green	Green	Green
58 Arai kaltreinerer futura (cold detergent)	Green	Red	Red	Red	Green
59 ASTM OIL n. 1	Green	Yellow	Red	Red	Yellow
60 ASTM OIL n. 2	Green	Yellow	Red	Red	Yellow
61 ASTM OIL n. 3	Green	Red	Red	Red	Yellow
62 Benzaldehyde	Red	Red	Red	Yellow	Green
63 Special benzene 100/140	Yellow	Yellow	Yellow	Red	Yellow
64 Benzyl alcohol	Red	Red	Red	Red	Green
65 Regular unleaded petrol	Green	Red	Red	Green	Green
66 Super leaded petrol	Green	Red	Red	Green	Green
67 Super unleaded petrol	Green	Red	Red	Green	Green
68 Super Plus petrol	Green	Red	Red	Green	Green
69 Benzol	Red	Red	Red	Red	Yellow
70 Butyl acetate (acetic acid butyl ester)	Red	Red	Red	Yellow	Green

CHEMICAL RESISTANCE LIST					
CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NATURAL LATEX	PVC	BUTYL
71 Butyl amine (1-aminobutane)	Red	Red	Red	Red	Yellow
72 Carbolineum	Red	Red	Red	Yellow	Yellow
73 Carbon chlor. hydrogen carbon nitr. calcium sulph.	Green	Green	Green	Red	Green
74 Carbon chlor. hydrogen carbon nitr. amm. sulph.	Green	Green	Green	Red	Green
75 Carbon chlor. hydrogen carbon nitr. potassium sulph.	Green	Green	Green	Red	Green
76 Carbon chlor. hydrogen carbon nitr. sodium sulph.	Green	Green	Green	Red	Green
77 Kerosene	Green	Red	Red	Green	Green
78 Sodium cyanide, saturated	Green	Green	Green	Red	Green
79 Cyclohexane	Green	Red	Red	Red	Green
80 Cyclohexanone	Red	Red	Green	Green	Yellow
81 Cyclohexylamine	Red	Yellow	Yellow	Yellow	Green
82 Chlorobenzene	Red	Red	Yellow	Yellow	Yellow
83 Chloroform	Red	Red	Red	Yellow	Yellow
84 Acetyl chloride	Red	Yellow	Yellow	Yellow	Green
85 Ethylene chloride (1,2 dichloroethane)	Red	Red	Red	Red	Yellow
86 Iron chloride (III)	Green	Green	Green	Red	Green
87 Potassium chromate, saturated	Green	Green	Green	Red	Green
88 Cold detergent (e.g. Arai 4005)	Green	Red	Red	Red	Green
89 Dibutylamine	Green	Red	Red	Red	Green
90 Dichloromethane (methylene chloride)	Red	Red	Red	Red	Yellow
91 Diethyl ketone (3 pentanone)	Red	Red	Red	Red	Yellow
92 Diethyl ether (ether)	Yellow	Red	Red	Yellow	Yellow
93 Diethyl phthalate (DEP)	Yellow	Red	Green	Red	Green
94 Dimethylformamide (DMFA)	Red	Red	Yellow	Yellow	Green
95 Dimethyl phthalate	Green	Green	Green	Green	Green
96 Dimethyl sulphate	Red	Green	Green	Green	Green
97 Dimethyl sulphoxide (DMSO)	Red	Red	Yellow	Yellow	Green
98 Dioxane	Red	Red	Red	Yellow	Green
99 Dioctyl phthalate (DOP)	Green	Red	Red	Red	Green
100 Sodium dithionite, saturated	Green	Green	Green	Red	Green
101 Hexane	Green	Red	Red	Yellow	Green
102 Hexyl acetate	Red	Red	Red	Yellow	Green
103 Ethanolamine	Green	Green	Green	Red	Green
104 Petroleum ether 40/60 (disinfectant benzene)	Red	Red	Red	Green	Green
105 Ethidium bromide, 1%	Green	Green	Green	Green	Green

CHEMICAL RESISTANCE LIST

CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NATURAL LATEX	PVC	BUTYL
106 Ethyl chloroacetate	■	■	■	■	■
107 Ethyl acetate (ethyl ester of acetic acid)	■	■	■	■	■
108 Ethylamine, 70% in water	■	■	■	■	■
109 Ethylene glycol mono butyl ether	■	■	■	■	■
110 Ethylene glycol mono isopropyl ether	■	■	■	■	■
111 Ethylene diamine	■	■	■	■	■
112 Phenol, 10% in water	■	■	■	■	■
113 Phenol, 85% in water	■	■	■	■	■
114 Formaldehyde, 37% (formalin)	■	■	■	■	■
115 Formamide	■	■	■	■	■
116 Glycerine	■	■	■	■	■
117 Glycol (ethylene glycol)	■	■	■	■	■
118 Diethylene glycol	■	■	■	■	■
119 Diethylene glycol mono butyl ether	■	■	■	■	■
120 Propylene glycol (1,2 propanediol)	■	■	■	■	■
121 Animal fats	■	■	■	■	■
122 Vegetable fats	■	■	■	■	■
123 Calcium hydroxide, saturated (limewater)	■	■	■	■	■
124 Potassium iodide, saturated	■	■	■	■	■
125 Sodium hypochlorite (12% active chlorine)	■	■	■	■	■
126 Isobutyl methyl ketone	■	■	■	■	■
127 Isophorone	■	■	■	■	■
128 Isooctane	■	■	■	■	■
129 Lanolin	■	■	■	■	■
130 Brake fluid (Bosch)	■	■	■	■	■
131 Loctite 243	■	■	■	■	■
132 M-dichlorobenzene	■	■	■	■	■
133 Methyl ethyl ketone (2-butanone)	■	■	■	■	■
134 Methyl iodide (iodomethane)	■	■	■	■	■
135 Methyl methacrylate	■	■	■	■	■
136 Methyl acetate (acetic acid methyl ester)	■	■	■	■	■
137 Methyl chloro acetate	■	■	■	■	■
138 n-Heptane	■	■	■	■	■
139 Diesel fuel	■	■	■	■	■
140 Naphtha benzene (cleaner's naphtha)	■	■	■	■	■

CHEMICAL RESISTANCE LIST

CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NATURAL LATEX	PVC	BUTYL
141 Nitrobenzene	■	■	■	■	■
142 O-dichlorobenzene	■	■	■	■	■
143 Animal oils	■	■	■	■	■
144 Vegetable oils	■	■	■	■	■
145 Fuel oil	■	■	■	■	■
146 Rapeseed oil	■	■	■	■	■
147 Cod liver oil	■	■	■	■	■
148 Castor oil	■	■	■	■	■
149 Shale oil, 10% in water	■	■	■	■	■
150 Shale oil (concentrate)	■	■	■	■	■
151 Hydraulic oil (triaryl phosphate ester)	■	■	■	■	■
152 Lubricating oil	■	■	■	■	■
153 Spindle oil	■	■	■	■	■
154 P3, saturated	■	■	■	■	■
155 Paraffin, liquid	■	■	■	■	■
156 Potassium permanganate, saturated	■	■	■	■	■
157 Petroleum (180/220)	■	■	■	■	■
158 Pyridine	■	■	■	■	■
159 Alkaline potash, 10%	■	■	■	■	■
160 Caustic potash, 10%	■	■	■	■	■
161 Caustic potash, saturated	■	■	■	■	■
162 Propyl acetate (propyl ester of acetic acid)	■	■	■	■	■
163 Propylamine (1-aminopropane)	■	■	■	■	■
164 Aluminium sulphate, saturated	■	■	■	■	■
165 Copper sulphate, saturated	■	■	■	■	■
166 Carbon sulphide	■	■	■	■	■
167 Caustic soda solution, 10%	■	■	■	■	■
168 Caustic soda solution, saturated	■	■	■	■	■
169 Nitro solvent	■	■	■	■	■
170 Turpentine surrogate	■	■	■	■	■
171 Tert-butylamine	■	■	■	■	■
172 Tetrachloroethylene (perchloroethylene)	■	■	■	■	■
173 Carbon tetrachloride (tetra)	■	■	■	■	■
174 Tetrahydrofuran	■	■	■	■	■
175 Tetramethylethylenediamine (TEMED)	■	■	■	■	■

CHEMICAL RESISTANCE LIST

CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NATURAL LATEX	PVC	BUTYL
176 Sodium thiosulphate	■	■	■	■	■
177 Toluol	■	■	■	■	■
178 Tributyl phosphate	■	■	■	■	■
179 Trichloroethylene (Tri)	■	■	■	■	■
180 Tricresyl phosphate	■	■	■	■	■
181 Triton X-100	■	■	■	■	■
182 Waterglass	■	■	■	■	■
183 Xilamine	■	■	■	■	■
184 Xylene (isomeric mixture)	■	■	■	■	■
185 3-Hexanone	■	■	■	■	■
186 4-Heptanone	■	■	■	■	■
187 4-Methylpyridine	■	■	■	■	■
188 4-Methoxy-1 butanol	■	■	■	■	■
189 4,4 Methylene diphenyl diisocyanate	■	■	■	■	■

- - Glove **resistant** to the chemical substance
- - Glove **partially resistant** to the chemical substance
- - Glove **not resistant** to the chemical substance

MATERIAL	ARTICLES
NITRILE	MA2411 - MA2412 - MA2413 - MA2414 MA2415 - MA2416 - MA2422
NATURAL LATEX	MA2514 - MA2517 - MA2520 - MA2311 MA2523 - MA2017 - MA2512
PVC	MA2214 - MA2215 - MA2218 - MA2219 MA2220 - MA2222
BUTYL	MA2524

The tests on chemical protective gloves are performed in a laboratory environment. Obviously, laboratory conditions are never the same as real life situations, which include possible cuts and abrasions on the glove's surface. Sir Safety System disclaims any liability regarding use of the gloves in real work situations.



PVC-NEOPRENE CHEMICAL PROTECTION GLOVES

THE EXCELLENT CHEMICAL AND MECHANICAL RESISTANCE OF PVC COMBINED WITH THE EXCEPTIONAL CHEMICAL RESISTANCE OF NEOPRENE, MAKE THESE GLOVES - ALL CLASS III, CERTIFIED IN COMPLIANCE WITH STANDARD EN 374 - AN OUTSTANDING RANGE IN TERMS OF PERFORMANCE, ERGONOMICS AND COMFORT.

MA2222

MANADO

MATERIAL: PVC

- Length 35 cm
- Cotton knit lining
- Textured surface
- Colour: light blue
- Dexterity 3
- Size 8-9-10

EN 388



3 1 2 1 X

EN ISO 374-1

TYPE B



A 1 K

EN 407



X 1 X X X X

EN ISO 374-5



RECOMMENDED FOR

- CHEMICAL AND PETROCHEMICAL INDUSTRY
- HANDLING OF CHEMICALS AND HYDROCARBONS
- HANDLING OF FATS, ACIDS AND SOLVENTS





MA2219

OKINAWA 35 CM

MATERIAL: Double PVC coating

- Length 35 cm
- Cotton fleece lining
- Roughened finish
- Colour: green
- Dexterity 2
- Size 10

MA2220

OKINAWA 45 CM

MATERIAL: Double PVC coating

- Length 45 cm
- Cotton fleece lining
- Roughened finish
- Colour: green
- Dexterity 2
- Size 10

Not in photo:

MA2218

OKINAWA 27 CM

- Length 27 cm
- Dexterity 3



MA2214

SAKALIN

MATERIAL: PVC, 1 mm

- Length 70 cm
- Flock-lined
- Roughened finish
- Colour: red
- Dexterity 5
- Size 10



MA2215

HOKKAIDO

MATERIAL: thin PVC, 0.9 mm

- Length 31 cm
- Flock-lined
- Roughened finish
- Colour: light blue
- Dexterity 5
- Size S-M-L-XL



MA2311

NEOPOWER

MATERIAL: Rubber latex and neoprene, 0.65 mm

- Length 33 cm
- Flock-lined
- Roughened finish
- Colour: black
- Dexterity 5
- Size 7-8-9-10



RECOMMENDED FOR

- FOOD INDUSTRY
- AUTOMOTIVE AND AERONAUTICAL INDUSTRY
- METAL DEGREASING AND PROCESSING WITH CUTTING OILS
- PRODUCTION AND APPLICATION OF PAINTS AND VARNISHES
- CLEANING OF PRINTING ROLLERS
- PRECISION WORK

NITRILE CHEMICAL PROTECTION GLOVES

THIS RANGE FEATURES EXCELLENT CHEMICAL RESISTANCE AGAINST A WIDE VARIETY OF HAZARDOUS SUBSTANCES, EXCELLENT FLEXIBILITY, GREAT COMFORT AND SENSITIVITY. WHAT IS MORE, A NUMBER OF OPTIONS ARE AVAILABLE: ROUGHENED OR TEXTURED SURFACES, A VARIETY OF LENGTHS AND THICKNESSES, VERSIONS WITH COTTON, FLEECE OR FLOCKED LINING.



MA2415

SAFETRIL

MATERIAL: Nitrile, 0.24 mm

- Length 33 cm
- Not flock-lined
- Roughened finish
- Colour: light blue
- Dexterity 5
- Size 7-8-9-10-11

MA2413

NITRON CM 33

MATERIAL: Nitrile, 0.4 mm

- Length 33 cm
- Flock-lined
- Roughened finish
- Colour: green
- Dexterity 4
- Size 7-8-9-10-11

MA2414

NITRON CM 40

MATERIAL: Nitrile, 0.52 mm

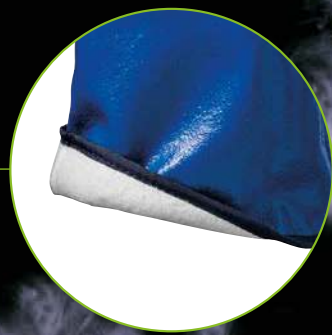
- Length 40 cm
- Flock-lined
- Roughened finish
- Colour: green
- Dexterity 4
- Size 8-9-10

MA2416

GREEN NITRON

MATERIAL: Nitrile and rubber latex, 0.58 mm

- Length 45 cm
- Flock-lined
- Roughened finish
- Colour: green
- Dexterity 4
- Size 8-9-10



NEW



EN 388
 3 1 1 1 X
 EN ISO 374-1
 TYPE B
 JKOT
 EN ISO 374-5

MA2411
PULAX 640

- MATERIAL:** Nitrile with cuff in stretch knit fabric
- Cotton knit lining
 - Textured surface
 - Colour: blue
 - Dexterity 4
 - Size 7-8-9-10



EN 388
 3 1 1 1 X
 EN ISO 374-1
 TYPE B
 JKOT
 EN ISO 374-5

MA2412
PULAX 630

- MATERIAL:** Nitrile
- Length 30 cm
 - Cotton knit lining
 - Textured surface
 - Colour: blue
 - Dexterity 4
 - Size 7-8-9-10



EN 388
 3 1 2 1 X
 EN ISO 374-1
 TYPE B
 JKOT
 EN ISO 374-5

MA2422
PULAX WINTER

- MATERIAL:** Nitrile
- Length 30 cm
 - Fleece lining
 - Textured surface
 - Colour: blue
 - Dexterity 5
 - Size 7-8-9-10



RUBBER CHEMICAL PROTECTION GLOVES

RECOMMENDED FOR

- HANDLING OF FRUIT AND VEGETABLES, POULTRY AND FISH
- HANDLING OF FROZEN PRODUCTS
- HANDLING OF DETERGENTS AND CLEANING LIQUIDS



MA2512

SUZUKA

MATERIAL: Rubber latex, 0.45 mm

- Length 30.5 cm with beaded cuff
- Flock-lined
- Roughened finish
- Colour: light blue
- Dexterity 5
- Size S-M-L-XL

MA2514

OSAKA

MATERIAL: Rubber latex, 0.55 mm

- Length 33 cm
- Not flock-lined
- Roughened finish
- Colour: yellow
- Dexterity 5
- Size S-M-L-XL

MA2517

CONTACT

MATERIAL: Natural rubber latex, 0.4 mm

- Length 30.5 cm
- Not flock-lined
- Roughened finish
- Colour: yellow
- Dexterity 5
- Size 6-7-8-9

MA2520

SHIKOKU

MATERIAL: Rubber latex and neoprene, 0.7 mm

- Length 31 cm
- Flock-lined
- Roughened finish
- Colour: light blue/yellow
- Dexterity 5
- Size 7-8-9-10



CE 0121 09
 Art. 898 Gr. 09
BUTOJECT
 EN 374 EN 374 EN 421
 Käthele-Camag Latex Gm
 D-36124 Elchenzell



EN 388

 2131X
 EN ISO 374-1
 TYPE B

 L K G
 EN 407

 X 2 X X X X
 EN ISO 374-5

MA2523

CAMATEX

MATERIAL: Rubber latex, 1.3 mm

- Length 30 cm
- Cotton knit lining
- Roughened finish
- Colour: light blue
- Dexterity 5
- Size 7-8-9-10



EN 388

 2111X
 EN ISO 374-1
 TYPE A

 M B C I K L
 EN ISO 374-5

 VIRUS
 EN 421

MA2524

BUTOJECT

MATERIAL: Butyl, 0.68 mm

- Length 35 cm with beaded cuff
- Not flock-lined
- Smooth finish
- Colour: black
- Dexterity 4
- Size 8-9-10-11



EN 388

 EN ISO 374-1
 TYPE C

MA2017

BLACK HAWK

MATERIAL: Rubber latex, 0.58 mm

- Length 45 cm
- Not flock-lined
- Roughened finish
- Colour: black
- Dexterity 3
- One size fits all



LOW TEMPERATURES GLOVES

RECOMMENDED FOR

- HANDLING FRESH OR FROZEN PRODUCTS AND ACTIVITY IN COLD CELLS AND STORES
- OUTDOOR WORK, CONSTRUCTION AND ROAD MAINTENANCE
- LOGISTICS, FORKLIFT TRUCK OPERATORS AND DRIVERS
- LABORATORIES

THE WHOLE RANGE FEATURES A HIGH LEVEL OF PROTECTION AGAINST LOW TEMPERATURES, GOOD MECHANICAL RESISTANCE WHILE ASSURING GOOD SENSITIVITY.



MA1132

MARGHERITA

MATERIAL: Grain calfskin leather

- Fleece cotton lining
- Driver cuff
- Colour: natural
- Dexterity 3
- One size fits all

EN 388



2 1 4 2 X

MA1711

POWER GRAB THERMO

MATERIAL: Acrylic knit with rubber coating

- Fleece lining
- Cuff in stretch knit fabric
- Colour: orange
- Dexterity 3
- Size 8-9-10-11

EN 388



1 1 4 1 X



0 1 X



X 2 X X X X



MA1712

CRIOGENIC

MATERIAL: Made in a special elastic, multi-layer, coupled, waterproof fabric

- Length 40 cm
- 420 gr/m² polyester fleece lining
- Gauntlet cuff
- Colour: light blue/black
- Dexterity 4
- Size 8-9-10-11

EN 388



2 2 3 1 X



EN 511



2 2 1



MA1713

POLAR

MATERIAL: Fluorescent PVC

- Lycra® finish
- Lycra® stretch cuff
- Colour: orange
- Dexterity 3
- Size 10-11

EN 388



2 1 1 1 X

EN 511



1 2 0

MA1716

FREEZER 630

MATERIAL: Polyurethane palm, cloth back and high tenacity Nylon lining

- Insulating fibre lining
- Elasticated cuff with adjustable strap
- Colour: black
- Dexterity 3
- Size M-L-XL

EN 388



2 2 3 2 A

EN 511



2 3 X

MA1434

JUNAS

MATERIAL: Nylon

- Fleece lining
- Cuff stretch knit fabric
- Colour: grey
- Dexterity 5
- Size 8-9-10

EN 388



2 1 3 2 X

EN 511



X 2 X



SPECIAL PROTECTION GLOVES



MA1811

PRICK GUARD ANTI-PUNCTURE

MATERIAL: Dynastop anti-puncture

- Back in elastic knit
- Elastic knit cuff with Velcro fastening
- Colour: black
- Dexterity 3
- Size M-L-XL

MA1813

TREMOR LOW ANTIVIBRATION

MATERIAL: Cotton polyester knit

- Rubber structure finish
- Cuff in stretch knit fabric
- Colour: black
- Dexterity 0
- Size 10

EN 388



4 1 4 2 X

EN 10819



MA1814

ELECTRO CLASS 0

MATERIAL: Latex

- Insulation 5,000 V
- Thickness 1.6 mm
- Colour: yellow
- Size 8-9-10-11

EN 60903



R C



DIELECTRIC GLOVE

LENGTH 36 CM. THE DEGREE OF DIELECTRIC RESISTANCE IS GIVEN BY THE DIFFERENT THICKNESS. ANTIBACTERIAL TREATMENT. SUPPLIED IN A SPECIAL SEALED POLYETHYLENE CASE.

- Class 00 = tested at a test voltage of 2.5 kV for 3 minutes and a withstand voltage of 5 kV, suitable for working on electrical systems with rated voltage up to 500 VAC and 750 VDC;
- Class 0 = tested at a test voltage of 5 kV for 3 minutes and a withstand voltage of 10 kV, suitable for working on electrical systems with rated voltage up to 1000 VAC and 1500 VDC;
- Class 1 = tested at a test voltage of 10 kV for 3 minutes and a withstand voltage of 20 kV, suitable for working on electrical systems with rated voltage up to 7500 VAC and 11250 VDC;
- Class 2 = tested at a test voltage of 20 kV for 3 minutes and a withstand voltage of 30 kV, suitable for working on electrical systems with rated voltage up to 17000 VAC and 25500 VDC;
- Class 3 = tested at a test voltage of 30 kV for 3 minutes and a withstand voltage of 40 kV, suitable for working on electrical systems with rated voltage up to 26500 VAC and 39750 VDC;
- Class 4 = tested at a test voltage of 40 kV for 3 minutes and a withstand voltage of 50 kV, suitable for working on electrical systems with rated voltage up to 36000 VAC and 54000 VDC.



MA1815 ELECTRO CLASS 1

- Insulation 10,000 V
- Thickness 2.1 mm
- Size 8-9-10-11

MA1817 ELECTRO CLASS 3

- Insulation 30,000 V
- Thickness 3.5 mm
- Size 9-10-11

MA1816 ELECTRO CLASS 2

- Insulation 20,000 V
- Thickness 2.9 mm
- Size 8-9-10-11

MA1818 ELECTRO CLASS 00

- Insulation 2,500 V
- Thickness 1.1 mm
- Size 8-9-10-11

SA110006

DIELECTRIC GLOVES TESTING

Testing service of dielectric gloves:

no class 1, 2, 3 and 4 gloves should be used if they have not been checked at least within 6 months.

Normally, the period is between 30 and 90 days.

RESPIRATORY PROTECTION

Respiratory protection equipment must be used for protection against substances that pose a health hazard during work.

They are divided into:

- **single use filter respirators;**
- **filter respirators with filter holder half mask and filtering insert.**

Filter respirators must not be used in environments where there is or might be insufficient oxygen. The protection afforded by a respirator depends on its tightness on the face, on the particle size and particle size distribution of the pollutant, and on its construction features.

A respirator may be used during one shift only (single use) and then be replaced by a new one, or be reused for several work shifts. The air that is breathed in goes through a filtering

material that holds the pollutants.

Dust filters and respirators with dust filter are divided into the following classes:

- **low efficiency (P1 filters - FFP1, THP 1, TMP 1 respirators);**
- **medium efficiency (P2 filters - FFP2, THP 2, TMP 2 respirators);**
- **high efficiency (P3 filters - FFP3, THP 3, TMP 3 respirators).**

Medium and high efficiency filters also differ based on their ability to hold solid and liquid particles or solid particles only.

Anti-gas filters are divided into the following classes:

- **low capacity (class 1 filters);**
- **medium capacity (class 2 filters);**
- **high capacity (class 3 filters).**

CONTAMINANT	RECOMMENDED RESPIRATOR	APPLICATION EXAMPLES
IRRITATING DUST AND FIBRES	FFP1	Rubble clearing, building demolitions
FINE DUST, WATER-BASED PARTICULATE, HARMFUL FUMES AND MIST	FFP2	Sandblasting or welding operations, paint removal, marble cutting, parquet sanding, fibreglass removal. Textile industry, metallurgy, mining, public and underground works, carpentry, joinery, welding, metal smelting and cutting, hospitals, laboratories, medical checks.
HIGHLY TOXIC FINE DUST, FUMES AND MIST	FFP3	Protection against solid and liquid aerosols. Foundries and steel mills, asbestos decontamination, use of industrial vacuum cleaners. Use is mandatory in workplaces where group 3 and 4 biological agents are used.

Filter respirators with filter holder half mask and filtering insert protect the airways from an atmosphere polluted by gas and vapours. They may be fitted with an anti-gas or anti-dust filter. They have a facepiece that may consist of a half mask with valves made entirely, or mainly, of anti-gas filter material or a rubber half mask in which the gas filter is an integral part of the device.

Proper selection of the filter type and class is essential, related to the qualitative and quantitative features of the polluting gas or vapour. The weight of the filters, including that of the filter holders directly connected to the half masks must not be greater than 300 g, 500 g for full-face masks.

FILTER TYPE	COLOUR	CONTAMINANT
A	Brown	Organic compound gases and vapours with a boiling point above 65°C
AX	Brown	Organic compounds with low boiling point (lower than 65°C). Single use only.
B	Grey	Inorganic compounds gas and vapours
E	Yellow	Sulphur dioxide and other acid gases and vapours
Hg	Red	Mercury
K	Green	Ammonia and organic ammonia derivatives
NO	Blue	Nitrogen oxide (e.g. nitrogen monoxide NO, nitrogen dioxide NO ₂ , nitrogen oxide NOX)
P	White	Particles
SX	Purple	Specifically indicated gas and vapours
CO	Black	Carbon monoxide
Reactor/Nuclear	Orange	Radioactive iodine including radioactive iodomethane

Marking of the respirator according to EN 149 may include one or more of the following:

- R** indicates that the respirator or filter are reusable;
- NR** indicates that the respirator or filter are not reusable. Its use is limited to a single work shift for a maximum of 8 hours;
- D** indicates that the respirator has passed the clogging test with dolomite dust. The test determines the mask's respiratory resistance after clogging with dolomite dust (optional requirement).

Half-mask respirators, according to EN 140, may be used with the following anti-dust filters:

- P1** low efficiency filters;
- P2** medium efficiency filters;
- P3** high efficiency filters.

When the respirator is fitted with a P3 filter, inbreath resistance may be relatively high and this may make its use uncomfortable, for longer periods of time, especially for very strenuous jobs. In that case it is recommended to assess whether to use an assisted ventilation device.

PAINTING	RECOMMENDED RESPIRATOR	
BY BRUSH	FA1211 pg. 330 FA1327 pg. 336	FA1325 pg. 335 FA1330 pg. 336
BY PAINT ROLLER	FA1323 pg. 331 FA1330 pg. 336	FA1328 pg. 333 FA1327 pg. 336
WATER BASED	FA1327 pg. 336 FA1330 pg. 336	FA1325 pg. 335 FA1323 pg. 331
SOLVENT BASED	FA1526 pg. 340 FA1717 pg. 341 FA1636 pg. 344	FA1714 pg. 341 FA1813 pg. 344-346
POLYESTER RESIN	FA1636 pg. 344 FA1526 pg. 340	FA1714 pg. 341
PRIMER	FA1526 pg. 340	FA1712 pg. 341
BICOMPONENT	FA1714 pg. 341	
ISOCYANATE BASED	FA1715 pg. 341	FA1813 pg. 344-346
POLYURETHANE BASED	FA1714 pg. 341 FA1636 pg. 344	FA1813 pg. 344-346
EPOXY	FA1323 pg. 331 FA1330 pg. 336	FA1327 pg. 336 FA1328 pg. 333

CLEANING	RECOMMENDED RESPIRATOR	
WITH SOAPY WATER	FA1213 pg. 334 FA1316 pg. 333	FA1320 pg. 335 FA1212 pg. 330
WITH AMMONIA	FA1636 pg. 344	FA1715 pg. 341 FA1526 pg. 340
WITH SOLVENT	FA1327 pg. 336 FA1714 pg. 341	FA1416 pg. 337 FA1526 pg. 340
WITH OILS	FA1712 pg. 341	FA1526 pg. 340 FA1813 pg. 344-346
WITH WATER SPRAY	FA1323 pg. 331 FA1416 pg. 337	FA1327 pg. 336 FA1412 pg. 337
IN CHIMNEYS	FA1328 pg. 333 FA1416 pg. 337	FA1327 pg. 336 FA1412 pg. 337
IN CASKS	FA1911 pg. 349	
IN SEWERS	FA1911 pg. 349	
IN TUNNELS	FA1911 pg. 349	
ON INCINERATORS	FA1316 pg. 333 FA1327 pg. 336 FA1714 pg. 341	FA1325 pg. 335 FA1416 pg. 337 FA1636 pg. 344
ON CEMENT PRODUCTION	FA1316 pg. 333 FA1323 pg. 331	FA1320 pg. 335 FA1330 pg. 336
IN URBAN TRAFFIC	FA1215 pg. 333 FA1314 pg. 330	FA1316 pg. 333 FA1213 pg. 334

DEMOLITION	RECOMMENDED RESPIRATOR	
ASBESTOS	FA1415 pg. 333 FA1713 pg. 341	FA1414 pg. 335 FA1413 pg. 337 FA1412 pg. 337
FIBRE CEMENT	FA1415 pg. 333 FA1713 pg. 341	FA1413 pg. 337 FA1412 pg. 337
PLASTER	FA1316 pg. 333 FA1330 pg. 336	FA1321 pg. 333 FA1329 pg. 335
WOOD	FA1320 pg. 335 FA1314 pg. 330	FA1315 pg. 335 FA1316 pg. 333
TEXTILES	FA1215 pg. 333 FA1211 pg. 330	FA1214 pg. 335 FA1212 pg. 330
POTTERY	FA1316 pg. 333 FA1314 pg. 330	FA1320 pg. 335 FA1330 pg. 336
BRICKS AND TILES	FA1321 pg. 333 FA1319 pg. 330	FA1315 pg. 335 FA1329 pg. 335
TUNNEL EXCAVATIONS	FA1415 pg. 333 FA1713 pg. 341 FA1636 pg. 344	FA1413 pg. 337 FA1813 pg. 344-346

GRINDING	RECOMMENDED RESPIRATOR	
ON PAINT	FA1327 pg. 336 FA1328 pg. 333	FA1416 pg. 337
ON PLASTIC	FA1416 pg. 337 FA1323 pg. 331	FA1327 pg. 336 FA1418 pg. 335
ON METALS	FA1316 pg. 333 FA1315 pg. 335	FA1314 pg. 330 FA1329 pg. 335
ON WOOD AND MDF	FA1315 pg. 335 FA1314 pg. 330	FA1323 pg. 331 FA1329 pg. 335
ON STUCCO	FA1327 pg. 336 FA1416 pg. 337	FA1636 pg. 344 FA1526 pg. 340 FA1418 pg. 335
ON PLASTER AND CONCRETE	FA1215 pg. 333 FA1212 pg. 330	FA1315 pg. 335 FA1329 pg. 335
ON FIBREGLASS	FA1415 pg. 333 FA1413 pg. 337	FA1414 pg. 335 FA1412 pg. 337

AGRICULTURE	RECOMMENDED RESPIRATOR	
FUNGICIDES	FA1415 pg. 333 FA1414 pg. 335	FA1526 pg. 340
PESTICIDES	FA1714 pg. 341 FA1715 pg. 341	FA1712 pg. 341 FA1526 pg. 340
CEREAL PROCESSING	FA1215 pg. 333 FA1329 pg. 335	FA1320 pg. 335 FA1316 pg. 333
FEED AND TOBACCO PROCESSING	FA1323 pg. 331 FA1327 pg. 336 FA1418 pg. 335	FA1325 pg. 335 FA1330 pg. 336 FA1328 pg. 333
THRASHING	FA1216 pg. 333 FA1211 pg. 330	FA1214 pg. 335 FA1215 pg. 333

METALS	RECOMMENDED RESPIRATOR	
FOUNDRY	FA1315 pg. 335 FA1316 pg. 333 FA1330 pg. 336	FA1327 pg. 336 FA1323 pg. 331 FA1418 pg. 335
BURRING	FA1321 pg. 333 FA1319 pg. 330	FA1329 pg. 335 FA1315 pg. 335
POLISHING BUFFING	FA1316 pg. 333 FA1711 pg. 341	FA1329 pg. 335 FA1320 pg. 335
DEGREASING	FA1327 pg. 336 FA1330 pg. 336	FA1323 pg. 331 FA1418 pg. 335
CHROMING	FA1526 pg. 340 FA1714 pg. 341 FA1636 pg. 344	FA1711 pg. 341 FA1813 pg. 344-346
GALVANISATION	FA1327 pg. 336 FA1714 pg. 341	FA1526 pg. 340 FA1416 pg. 337
WELDING	FA1328 pg. 333 FA1330 pg. 336 FA1327 pg. 336	FA1320 pg. 335 FA1323 pg. 331 FA1418 pg. 335
OXYACETYLENE CUTTING	FA1330 pg. 336 FA1323 pg. 331	FA1327 pg. 336 FA1325 pg. 335



ROUND DISPOSABLE RESPIRATORS



FA1211

FFP1 NR D

EN 149

Suitable for low toxicity environments, up to 4 times the TLV.
Pack of 20 pieces.



FA1212

FFP1 NR D

EN 149

With exhalation valve. Suitable for low toxicity environments,
up to 4 times the TLV.
Pack of 10 pieces.



FA1314

FFP2 NR D

EN 149

Suitable for medium toxic environments, up to 12 times the TLV.
Pack of 20 pieces.



FA1319

FFP2 NR D

EN 149

With exhalation valve. Suitable for medium toxic environments, up to 12 times the TLV.
Pack of 10 pieces.



- 01 INTERNAL POLYURETHANE FOAM**
acting as sealer around the nose

- 02 MOULDED NOSE CLIP**
improves adhesion around the nose

- 03 ROBUST CUPPED STRUCTURE**
fitted with inner microfibre lining with low breathing resistance

- 04 HYPOALLERGENIC ELASTIC**
perfect fit around the head

- 05 P1, P2, P3**
code and level of protection identification

- 06 EXHALATION VALVE**
facilitates rapid breathing during heavy tasks



**CUPPED SEMI-RIGID MODEL,
FIXED ELASTIC,
COMPLIANT WITH EN 149:2001 + A1:2009**

P1 RESPIRATORS SUITABLE FOR SOLID OR LIQUID AEROSOL CONCENTRATIONS UP TO 4 TIMES THE TLV*

P2 RESPIRATORS SUITABLE FOR SOLID OR LIQUID AEROSOL CONCENTRATIONS UP TO 12 TIMES THE TLV*

P3 RESPIRATORS SUITABLE FOR SOLID OR LIQUID AEROSOL CONCENTRATIONS UP TO 50 TIMES THE TLV*

* TLV: threshold limit value

FA1323

FFP2 NR D

EN 149

With exhalation valve. Fitted with activated carbon layer. Suitable for medium toxic environments, up to 12 times the TLV. Pack of 10 pieces.



PREMIUM DISPOSABLE RESPIRATORS

GREATER PROTECTION FROM FINE AND TOXIC DUSTS

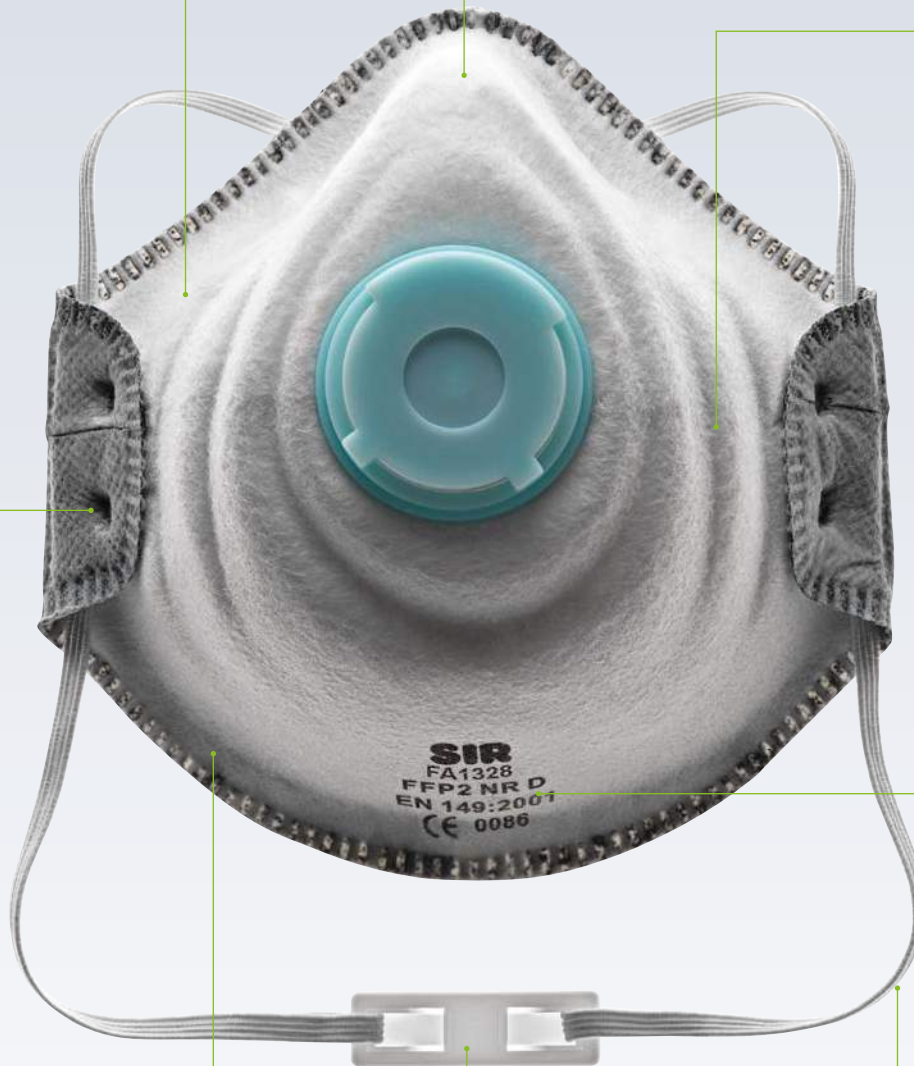
THANKS TO ITS NEW FILTER SURFACE WHICH PASSED THE D TEST. THIS TEST IS PERFORMED WITH DOLOMITE DUSTS AND CERTIFIES A HIGHER LEVEL OF PROTECTION WITH ADDED ANTI-CLOGGING PROPERTIES

BETTER FACE ADAPTABILITY
DUE TO ITS CONCAVE SHAPE

WHILE NOT IN USE, THE RESPIRATOR REMAINS IN AN UPRIGHT POSITION, PREVENTING THE ACCUMULATION OF POLLUTING AGENTS IN THE INNER PART IN CONTACT WITH THE FACE

METAL FREE
NO RUSTING

P1, P2, P3
CODE AND LEVEL OF
PROTECTION IDENTIFICATION



CARBON LAYER

IT IS INSERTED TO PREVENT IRRITATION CAUSED BY LOW CONCENTRATION OF GASES AND ACIDS THAT MAY BREAK OUT, TOGETHER WITH DUSTS AND AEROSOL.

IT IS RECOMMENDED TO USE CARBON RESPIRATORS FOR WELDING OPERATIONS OR IN SITUATIONS WITH CONCENTRATIONS OF ODOURS OR ACIDS BELOW THE TLV

FULLY ADJUSTABLE HEAD STRAPS
THANKS TO A WORLDWIDE PATENT

LATEX FREE.
DO NOT CAUSE SKIN ALLERGIES



FA1215

FFP1 NR D

EN 149

Premium respirator for low toxicity environments. Suitable up to 4 times the TLV. Pack of 20 pieces.



FA1216

FFP1 NR D

EN 149

Premium respirator with exhalation valve for low toxicity environments. Suitable up to 4 times the TLV. Pack of 10 pieces.



FA1316

FFP2 NR D

EN 149

Premium respirator for medium toxicity environments up to 12 times the TLV. Pack of 20 pieces.



FA1321

FFP2 NR D

EN 149

Premium respirator with exhalation valve. Suitable for medium toxic environments, up to 12 times the TLV. Pack of 10 pieces.



FA1328

FFP2 NR D

EN 149

Premium respirator with activated carbon layer. With exhalation valve. Suitable for medium toxic environments, up to 12 times the TLV. Pack of 10 pieces.



FA1415

FFP3 NR D

EN 149

Premium respirator with exhalation valve. Suitable for critical environments polluted with dust, metals, aerosol and asbestos up to 50 times the TLV. Pack of 10 pieces.



FOLDABLE DISPOSABLE RESPIRATORS

EXHALATION VALVE

promotes the outflow of breathed air preventing the risk of misting the eye lenses

MOULDED NOSE CLIP

improves adhesion around the nose

FOLDFLAT CONICAL STRUCTURE

pocket-size and easily transportable

P1, P2, P3

code and level of protection identification

INDIVIDUALLY WRAPPED

in cellophane with sealed edges for maximum hygiene



FA1213

FFP1 NR

EN 149

Individually wrapped respirator. Suitable for use in atmosphere with low levels of dust pollution, up to 4 times the TLV.
Pack of 20 pieces.



FA1214

FFP1 NR

EN 149

Individually wrapped respirator. With exhalation valve. Suitable for use in atmosphere with low levels of dust pollution, up to 4 times the TLV. Pack of 20 pieces.



FA1315

FFP2 NR

EN 149

Individually wrapped respirator. Suitable for use in atmosphere with medium levels of dust pollution up to 12 times the TLV. Pack of 20 pieces.



FA1320

FFP2 NR

EN 149

Individually wrapped respirator. With exhalation valve. Suitable for use in atmosphere with medium levels of dust pollution up to 12 times the TLV. Pack of 20 pieces.



FA1325

FFP2 NR

EN 149

Individually wrapped respirator. With activated carbon layer. With exhalation valve. Suitable for use in atmosphere with medium levels of dust pollution up to 12 times the TLV. Pack of 20 pieces.



FA1411

FFP3 NR

EN 149

Individually wrapped respirator. Recommended for heavily polluted environments with aerosol or asbestos up to 50 times the TLV. Pack of 20 pieces.



FA1414

FFP3 NR

EN 149

Individually wrapped respirator. With exhalation valve. Recommended for heavily polluted environments with aerosol or asbestos up to 50 times the TLV. Pack of 20 pieces.



HIGH PERFORMANCE

FA1329

FFP2 NR D

EN 149

High performance disposable foldable respirator. With exhalation valve. Suitable for use in medium level of toxicity environments up to 12 times the TLV. Pack of 20 pieces.



HIGH PERFORMANCE

FA1417

FFP3 NR D

EN 149

High performance disposable foldable respirator. With exhalation valve. Suitable for use in heavily polluted environments with aerosol or asbestos up to 50 times the TLV. Pack of 20 pieces.



HIGH PERFORMANCE

FA1418

FFP3 NR D

EN 149

High performance disposable foldable respirator. With activated carbon layer. With exhalation valve. Suitable for use in heavily polluted environments with aerosol or asbestos up to 50 times the TLV. Pack of 20 pieces.



HIGH EFFICIENCY DISPOSABLE RESPIRATORS



FA1327

FFP2 NR D

EN 149

High efficiency disposable respirator, specific for welding activities. Active carbon layer with exhalation valve. Appropriate for filtering acid vapours and fumes below the TLV. Suitable for medium toxic polluted environments, up to 12 times the TLV. Pack of 5 pieces.



FA1330

FFP2 NR D

EN 149

High efficiency disposable respirator with activated carbon layer. With exhalation valve. Specific for acid gases below the TLV and medium toxicity environments up to 12 times the TLV. Pack of 5 pieces.



FA1419

FILTERSPEC® PRO FFP3 V

EN 149 EN 166

Solution that integrates respiratory protection with eye protection. Efficient 3-layer filter with low breathing resistance valve. Lenses with scratch-proof and anti-fog coating.

FA1332

Version with FFP2 anti-odour filter.



FA1413

FFP3 NR D

EN 149

High efficiency disposable respirator. With exhalation valve. Suitable for use in highly toxic environments up to 50 times the TLV. Pack of 5 pieces.



FA1412

FFP3 NR D

EN 149

High efficiency disposable respirator. With exhalation valve. Suitable for use in highly toxic environments, such as aerosol and asbestos, up to 50 times the TLV. Pack of 5 pieces.



FA1416

FFP3 NR D

EN 149

High efficiency disposable respirator. With activated carbon layer. With exhalation valve. Suitable for use in toxic environments, as with aerosol and asbestos, with a high level of toxicity up to 50 times the TLV. Pack of 5 pieces.



HALF MASKS





HALF MASKS



FA1526

SIR AIR HALF MASK

EN 405

Made in state-of-the-art TPE composite, Sir Air combines the features of lightness, flexibility and comfort for a better solution to airway protection. The hypoallergenic TPE material does not cause allergic reactions, even after prolonged use, and does not cause skin irritation; it is comfortable, odourless, very hygienic and allows the mask to be used in many industrial processes. The filter application system is extremely practical and infallible: thanks to a specific threading, the filters are efficiently applied and sealed onto the mask body. The ergonomic design assures a good field of vision. Thanks to the large volume of the mask, and especially the valve, breathing resistance is very low. The rounded edge assures high tightness to the face, therefore resulting in efficiency of the exhalation valves and enhanced user comfort. One size fits all.



FILTER WITH THREADED COUPLING

ARTICLE	SIR FILTERS CLASSIFICATION					PACK	
FA1511	A2					Organic vapours and solvents - EN 14387	10
FA1512	B1					Inorganic vapours - EN 14387	10
FA1513	A1	B1	E1			Organic vapours and solvents, inorganic vapours, acid gases and sulphur dioxide - EN 14387	10
FA1514	K1					Ammonia - EN 14387	10
FA1515	A2	P2	NR			Fungicides, solvents and dusts - EN 14387 EN 143	8
FA1516	P2	NR				Toxic dusts - EN 143	10
FA1517	A1	B1	P2	NR		Vapours, dusts, solvents and fungicides - EN 14387 EN 143	8
FA1518	P3	NR				Toxic dusts - EN 143	10
FA1519	A1	B1	E1	K1	P2 NR	Organic vapours and solvents, inorganic vapours, acids, dusts and ammonia - EN 14387 EN 143	10
FA1520	P2	NR				Long lasting pre-filter with adaptor - EN 143	20
FA1521	A1	B1	E1	K1		Organic and inorganic vapours, acids and ammonia - EN 14387	240
FA1522	A2	P3	NR			Organic vapours, solvents and toxic dusts - EN 14387 EN 143	240
FA1523	A1	B1				Organic vapours, solvents and inorganic vapours- EN 14387	240
FA1524	A1	B1	E1	P2	NR	Organic vapours and solvents, inorganic vapours, acids and dusts - EN 14387 EN 143	240
FA1525	A1					Organic vapours and solvents - EN 14387	280
FA1528	A1	P3	NR			Organic vapours, solvents and toxic dusts - EN 14387	240
FA1527	A1	B1	E1	K1	P3 NR	Organic vapours and solvents, inorganic vapours, acids, dusts and ammonia - EN 14387	240



FA1711

FREEDOM DISPOSABLE HALF MASK

EN 405

The Freedom half mask is made in polypropylene and provides a valuable alternative to half masks with interchangeable filters. The filters are fixed rather than interchangeable, and thus once the filter ceases to perform its function, the half mask has to be completely replaced; it does not need any maintenance. Hypoallergenic. One size fits all.

ARTICLE	SIR FILTERS CLASSIFICATION					PACK	
FA1711	A1					Organic vapours - EN 405	10
FA1712	A1	P1				Organic vapours and toxic dusts, spray painting, solvents, etc. - EN 405	10
FA1713	P3					Toxic dusts - EN 149	10
FA1714	A2	P3				Organic vapours and toxic dusts - EN 405	10
FA1715	A1	B1	E1	K1	P3	Multi-purpose and toxic dusts - EN 405	10
FA1716	A2					Organic vapours and solvents - EN 405	10
FA1717	A2	P2				Organic vapours, solvents and dusts - EN 405	10



DRÄGER HALF MASKS





FILTER RANGE FOR X-PLORE 3300

THE RANGE OF X-PLORE FILTERS OFFERS PLENTY OF OPTIONS FOR ALL PROTECTION NEEDS. THE "BAYONET" FILTERS ARE EASY TO ATTACH DIRECTLY TO THE MASK. THE "PURE" FILTERS CAN BE USED INDIVIDUALLY OR COMBINED, THROUGH AN ADAPTOR, WITH ANTI-GAS FILTERS. WHEREAS THE "PAD" DUST FILTERS CAN BE USED EITHER AS SIMPLE DUST FILTERS WITH BASE AND RETAINER, OR THEY CAN BE COMBINED WITH GAS-PROTECTIVE FILTERS AND BE ATTACHED TO THEM WITH THE SPECIAL RETAINER.



Bayonet filter



**FA1632
Pre-filter retainer**



**FA1630
Filter base**



**FA1628
Filter adapter**



**FA1631
Pre-filter**

X-PLORE 3300 TWIN-FILTER HALF-MASK

EN 140

Twin-filter half mask with bayonet connection made of TPE (techno-polymer foam) can be used also with glasses and is perfectly stable on the head thanks to its self-centring and adjustable retention system. Model suitable for all needs.

The mask consists of a head harness in soft plastic material with perfectly smooth edges and four elastic straps adjustable in length, to perfectly fit the mask on. The filters are connected with a quick snap bayonet connector and they are placed to assure even weight distribution and a wide field of vision.

Total weight: Approx. 95 grams.

FA1639	Size S
FA1638	Size M
FA1637	Size L

ORDER CODES FOR X-PLORE 3300 FILTERS

FILTER TYPE	ART.	BAYONET FILTERS FOR X-PLORE 3300	COLOUR CODE	PACK*
ANTI-DUST	FA1613	Bayonet Pad P1 N R - EN 143	□	20
	FA1614	Bayonet Pad P2 R - EN 143	□	20
	FA1615	Bayonet P3 R - EN 143	□	22
	FA1616	Bayonet Pure P2 R - EN 143	□	20
	FA1617	Bayonet Pure P3 R - EN 143	□	20
	FA1618	Bayonet Pure Odour P3** R - EN 143	□	20
ANTI-GAS	FA1619	Bayonet A1 - EN 14387	■	20
	FA1620	Bayonet A2 - EN 14387	■	20
	FA1621	Bayonet A1 B1 E1 - EN 14387	■ ■ ■	20
	FA1622	Bayonet A1 B1 E1 K1 - EN 14387	■ ■ ■ ■	20
	FA1623	Bayonet A2 B2 - EN 14387	■ ■	18
COMBINED	FA1624	Bayonet A1 P3 R D - EN 14387 EN 143	■ □	14
	FA1625	Bayonet A2 P3 R D - EN 14387 EN 143	■ □	14
	FA1626	Bayonet A1 B1 E1 K1 Hg P3 R D - EN 14387 EN 143	■ ■ ■ ■ ■ □	14
		Bayonet A2 B2 P3 R D - EN 14387 EN 143	■ □ ■	12

*Packed in pairs

**P3 with activated carbon to reduce unpleasant odours below the TLV

ART.	MODULAR ACCESSORIES THAT EXPAND THE RANGE OF FILTERS	PACK
FA1628	Adaptor: to attach the Pure filters over the anti-gas filters	10
FA1629	Filter retainer for P1 and P2 Pad filters	12
FA1630	Base for P1 and P2 Pad filters	12
FA1631	Pre-filter - Only with combined filters	40
FA1632	Pre-filter retainer - Only with combined filters	14

PRE-ASSEMBLED KITS AVAILABLE HALF-MASK + FILTERS (NOT IN PHOTO)

FA1633 Dust Kit X-Plore 3500 in rubber + 2 filters Pure P3 R	FA1634 Painter Kit X-Plore 3300 + 2 filters A2 P3 R D	FA1635 Chemical Kit X-Plore 3300 + 2 filters A1 B1 E1 K1 Hg P3 R D
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Not in photo:

FA2201

COMPLETE FIT-TEST KIT

Conceived to check proper face adhesion and seal of masks and half masks. The kit includes: hood with cape, sprayers, solutions to detect sensitivity (to be performed without wearing the PPE), solutions for the FIT-TEST.

ANTI-GAS DRÄGER HALF MASKS



FA1636

DRÄGER HALF MASK X-PLORE 4740

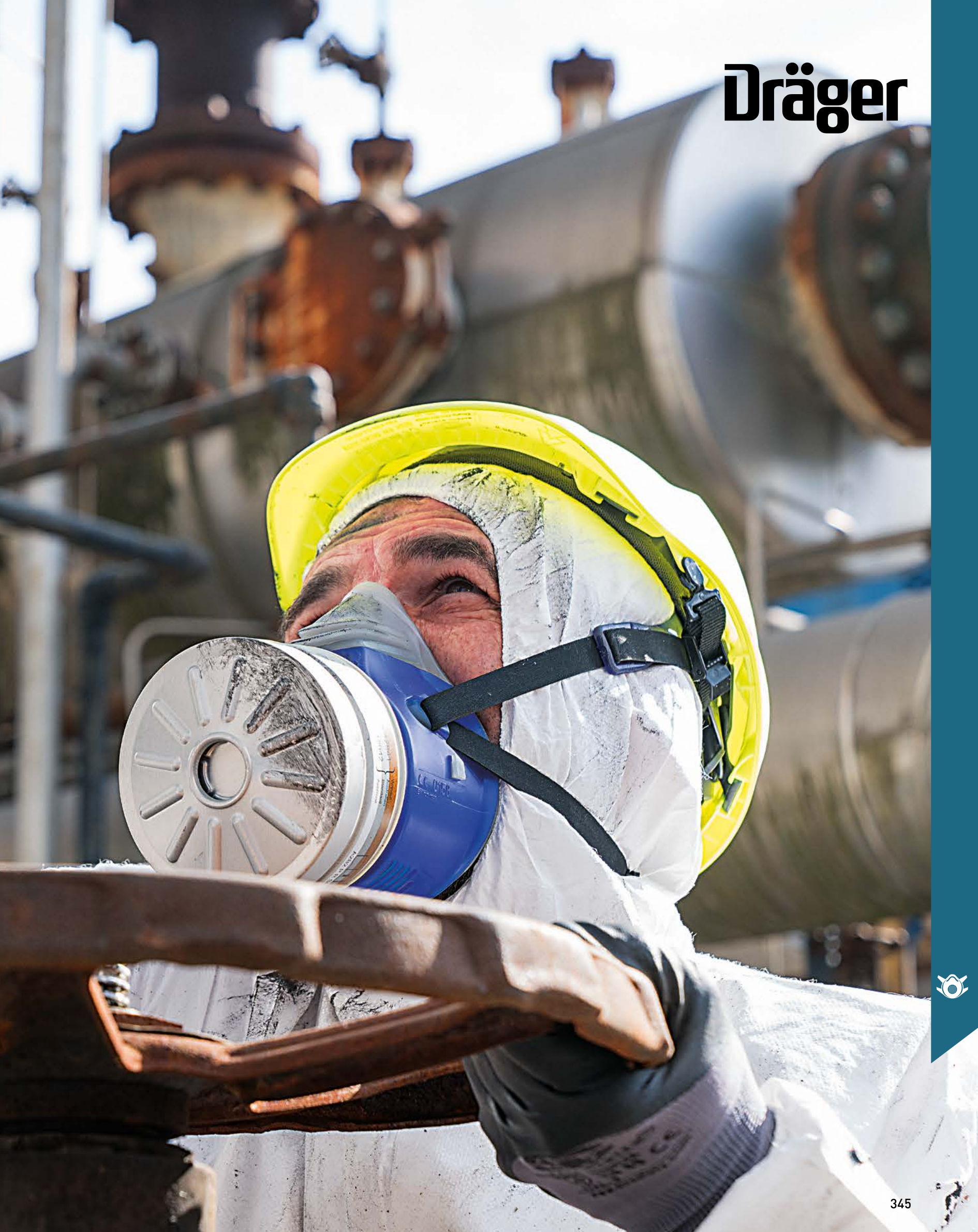
EN 140

Versatile half mask consisting in a soft body in TPE rubber, for the inner structure, and a rigid frame that supports the filter. The half mask is also fitted with a head strap system with quick adjustment. X-Plore mounts standard thread connection filters, type UNI EN 148, up to 300 grams. The filters can be used on either the X-Plore model half-face respirators or full-face masks (see next page). One size fits all.

DRÄGER FILTERS - Order code for X-PLORE 4740 filters: outer diameter - thread connection diameter*

ARTICLE	CODE*	PACK	ARTICLE	CODE*	PACK
FA1811	940 A2 - EN 14387	5	FA1819	940 A2 B2 P2 R D - EN 14387 EN 143	5
FA1812	940 A2 B2 - EN 14387	5	FA1820	940 K2 P2 R D - EN 14387 EN 143	5
FA1813	940 K2 - EN 14387	5	FA1821	940 A2 B2 E2 K1 P2 R D - EN 14387 EN 143	5
FA1814	940 A2 B2 E2 K1 - EN 14387	5	FA1822	1140 A2 P3 R D - EN 14387 EN 143	5
FA1816	1140 AX - EN 14387	5	FA1823	1140 A2 B2 P3 R D - EN 14387 EN 143	5
FA1817	1140 P3 R - EN 143	5	FA1825	1140 AX P3 R D - EN 14387 EN 143	5
FA1818	940 A2 P2 R D - EN 14387 EN 143	5	FA1826	1140 A2 P3 R D REACTOR/NUCLEAR - EN 14387 EN 143	5

Dräger



FULL-FACE DRÄGER MASKS



FA1830

X-PLORE 6300 MASK

EN 136 CLASS 2

Full-face mask in EPDM black rubber, fitted with standard thread connection EN 148 for threaded filters. The mask body is in extremely soft rubber.

The main features of the X-Plore 6300 mask are as follows:

- double-layer face seal;
- plexiglass visor with wide field of vision;
- visor frame in composite material;
- speech diaphragm;
- firestop in composite material;
- 5-point harness, adjustable in length;
- good air circulation: fog-free visor;
- total weight approx. 570 grams.

One size fits all.

CODE	COLOUR	FILTER TYPE	MAIN APPLICATIONS
Brown	■	AX	Gases and vapours of organic compounds (e.g. solvents) with boiling point < 65° C
Brown	■	A	Gases and vapours of organic compounds (e.g. solvents) with boiling point > 65° C
Grey	■	B	Inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrocyanic acid)
Yellow	■	E	Sulphur dioxide, hydrochloric acid
Green	■	K	Ammonia
Black	■	CO	Carbon monoxide
Red	■	Hg	Mercury vapours
Light blue	■	NO	Nitrous gases including nitrogen monoxide
Orange	■	REACTOR/NUCLEAR	Radioactive iodine including radioactive iodomethane
White	□	P	Particles

DRÄGER FILTERS

DRÄGER HAS BEEN PRODUCING FILTERS SINCE 1929, AND SINCE THEN IT HAS CONSTANTLY IMPROVED ITS TECHNOLOGY AND EXPANDED ITS PRODUCT RANGE. SUCH A WIDE RANGE OF PRODUCTS OBVIOUSLY COVERS AN EQUALLY BROAD RANGE OF APPLICATIONS, FROM FIELD INSPECTION AND MAINTENANCE OF WORKPLACES LOCATED IN RETAIL AND INDUSTRIAL AREAS AT RISK OF CONTAMINATION, TO RESCUE AND CIVIL PROTECTION OPERATIONS.

COMPLETE RANGE OF EN 14387 - EN 143 FILTERS FOR FULL-FACE MASKS WITH STANDARD CONNECTION: outer diameter - thread connection diameter*

FILTER TYPE	ARTICLE	FILTER CLASS	COLOUR CODE	CODE*	WEIGHT	PACK*
ANTI-GAS	FA1811	A2 - EN 14387	■	940 A2	< 300	5
	FA1812	A2 B2 - EN 14387	■ ■	940 A2 B2	< 300	5
	FA1813	K2 - EN 14387	■	940 K2	< 300	5
	FA1814	A2 B2 E2 K1 - EN 14387	■ ■ ■ ■	940 A2 B2 E2 K1	< 300	5
	FA1815	A2 B2 E2 K2 - EN 14387	■ ■ ■ ■	1140 A2 B2 E2 K2	< 350	5
	FA1816	AX - EN 14387	■	1140 AX	< 300	5
ANTI-DUST	FA1817	P3 R - EN 143	□	1140 P3 R	< 65	5
COMBINED	FA1818	A2 P2 R D - EN 14387 EN 143	■ □	940 A2 P2 R D	< 300	5
	FA1819	A2 B2 P2 R D - EN 14387 EN 143	■ ■ □	940 A2 B2 P2 R D	< 300	5
	FA1820	K2 P2 R D - EN 14387 EN 143	■ □	940 K2 P2 R D	< 300	5
	FA1821	A2 B2 E2 K1 P2 R D - EN 14387 EN 143	■ ■ ■ ■ □	940 A2 B2 E2 K1 P2 R D	< 300	5
	FA1822	A2 P3 R D - EN 14387 EN 143	■ □	1140 A2 P3 R D	< 300	5
	FA1823	A2 B2 P3 R D - EN 14387 EN 143	■ ■ □	1140 A2 B2 P3 R D	< 300	5
	FA1824	A2 B2 E2 K2 Hg P3 R D - EN 14387 EN 143	■ ■ ■ ■ ■ □	1140 A2 B2 E2 K2 Hg P3 R D	< 400	5
	FA1825	AX P3 R D - EN 14387 EN 143	■ □	1140 AX P3 R D	< 300	5
SPECIAL	FA1826	A2 P3 R D REACTOR/NUCLEAR - EN 14387 EN 143	■ □ ■	1140 A2 P3 R D REACTOR/NUCLEAR	< 300	5
	FA1827	A1 B2 E2 K1 Hg NO CO 20 P3 R D - EN 14387 EN 143	■ ■ ■ ■ ■ ■ ■ □	1140 A1 B2 E2 K1 Hg NO CO 20 P3 R D	< 400	5



FPS 7130 MASK

EN 136 CLASS 3

The new FPS 7130 full-face mask sets new standards in terms of safety and wearing comfort. Thanks to its revolutionary design and the new treated polycarbonate visor, the worker using FPS 7130 will have no visual distortion and will enjoy a wider field of vision. The visor does not mist thanks to the air circulation system and different special coatings. The mask body retains the traditional structure:

- standard attachment for threaded filters EN 148;
- mask body in EPDM or hypoallergenic silicone;
- double-layer face seal;
- polycarbonate visor;
- weight approx. 600 grams (varies according to version);
- stainless steel speech diaphragm;
- option of helmet-mask combination thanks to special hooks;
- integrated accessories: two-way radio system.

FA1833 Size S

FA1834 Size M

FA1835 Size L



FA1829
Airtight case
for half-face masks

FA1828
Airtight case
for full-face masks



DRÄGER SELF-CONTAINED BREATHING APPARUSES



FA1911



PSS 5000 DS BREATHING APPARATUS

EN 137

Combining reliable pneumatics and improved cylinder fixing system, the Dräger PSS 5000 DS breathing apparatus provides the perfect match of state-of-the-art technology and materials, and is suitable for any application condition. The PSS 5000 model has been designed to be not only comfortable but also extremely efficient during use in harsh firefighting situations. Incorporating a rigid harness connection to a fixed-height back plate, state-of-the-art harness materials and a pivoting waist belt, the breathing apparatus remains in position regardless of the task at hand. The innovative "slide and lock" mechanism assures fast and simple harness and waist pad connection/removal from the back plate. The LDV, gauge and rescue hoses can now be routed over the left and/or right shoulders, allowing the PSS 5000 breathing apparatus to be set up in any manner.

HOW TO ORDER:

- FA1911** COMPLETE PSS 5000 DS SELF-CONTAINED BREATHING APPARATUS
Including overpressure air supply valve, panoramic mask and 7-litre cylinder
- FA1912** Spare back plate and pneumatic unit
- FA1913** Spare overpressure air supply valve
- FA1914** Spare Dräger Panorama NOVA PE mask
- FA1915** 6-litre spare cylinder - 300 bar
- FA1916** 7-litre spare cylinder - 200 bar

NOT IN PHOTO:

- FA1917** Emergency hood for rescue hose with constant flow
- FA1918** Rescue hose attachment kit



PUSH "IN AND OUT" HOSE CLIPS

"SLIDE AND LOCK" HARNESS CONNECTIONS

CENTRAL ELECTRONICS HOUSING

INTEGRATED HOSE CHANNELS INTO BACK PLATE

STRAP RETAINER

SLIDING AND SWIVELLING WAIST BELT

WAIST ADJUSTMENT

MAIN FEATURES AND COMPONENTS

BACK PLATE

The anatomic, antistatic, carbon fibre back plate is chemical agent resistant. The universal cylinder-holding band allows for the use of double cylinders. It features moulded, anti-slip harness pads and high-tenacity plastic slide-straps. The pressure regulator has an output flow capacity greater than 1000 l/minute. The time-to-whistle based on current air consumption (<5 l/min) is integrated in the pressure sensor module under the pressure gauge. The pressure reducer is fitted with fast and rotating safety connections for medium and high pressure tubes and safety valve integrated into the medium pressure tube itself. The first stage reducer snap fit connection allows the pneumatics to be fitted or removed quickly and easily from the set (sold separately). Approved according to EN 137 class 2.

COMPRESSED AIR LDV VALVE

Short tube (50 cm) with standard screw connection according to EN148/3 M45X3, automatic and balanced type; EN 137 compliant.

PANORAMA NOVA STANDARD PE EPDM FULL-FACE MASK

Full face mask for compressed air breathing apparatus with standard M45X3 UNI-EN 148 connection; mask body in EPDM, double sealing frame, polycarbonate visor, visor frame in composite material. Speech diaphragm in composite material and firestop in stainless steel mesh. Compliant with EN 136 class 3.

CYLINDER

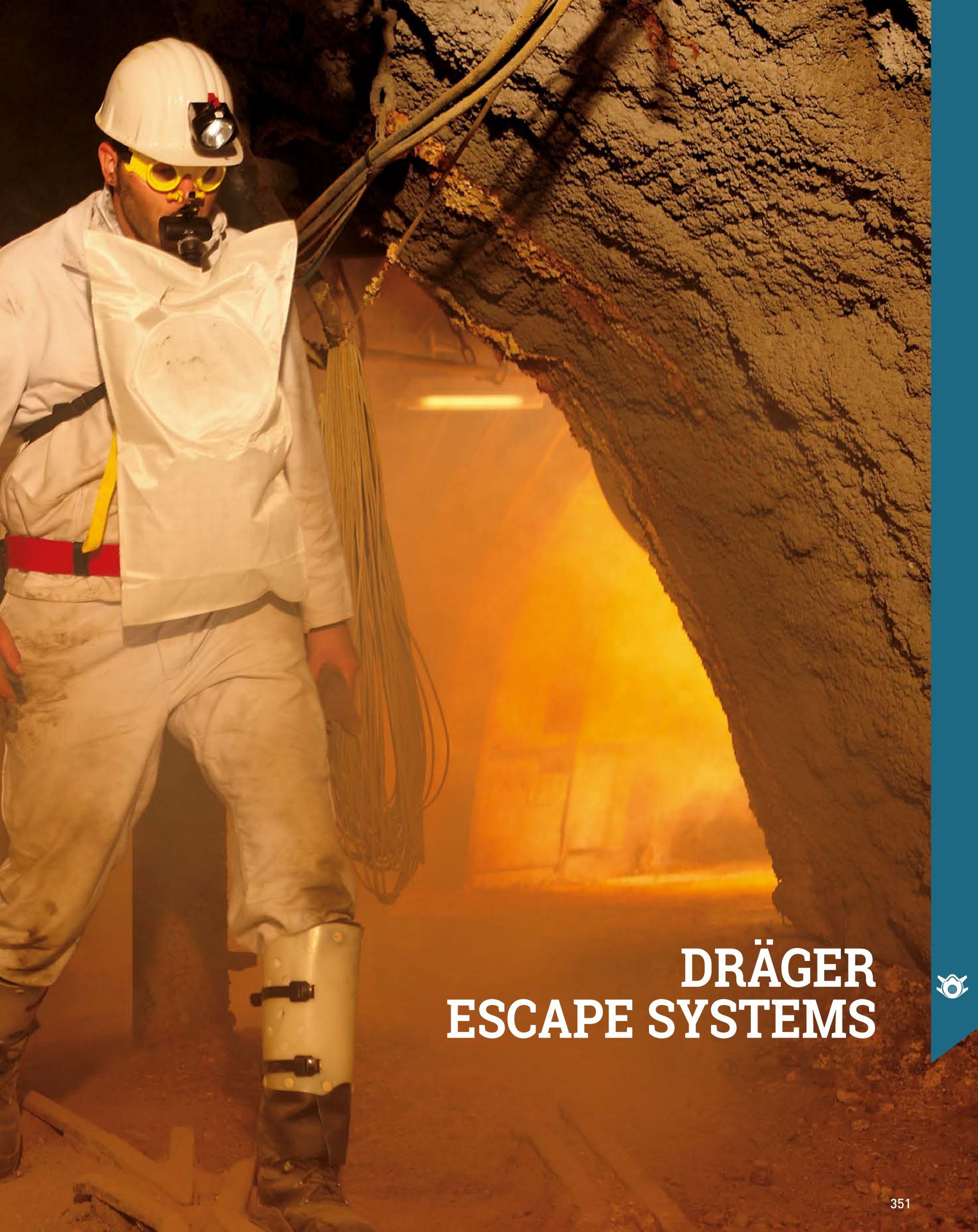
7 litre 200 bar in STAINLESS STEEL - Compressed air cylinder with a capacity of 7 litres (measured with liquid) approved for an operating pressure of 200 bar. Supplied with cumulative test certificate.

200 BAR DIN VALVE

For breathable air with a shank connected to the cylinder, cylinder thread according to EN 144-1 M18x1.5; female outlet fitting DIN 5/8" standardised EN 144-2. Supplied with O-Ring seal and suction tube. CE marking according to the PED directive.







DRÄGER ESCAPE SYSTEMS



DRÄGER ESCAPE SYSTEMS



FA2013

PARAT 5510

EN 403 DIN 58647-7

The Parat 5510 escape hood assures **15 minutes** actual protection against toxic gas, dust, vapours, filtering out even the feared, odourless "carbon monoxide". The Parat 5510 hood assures eye and airways protection, ensuring a fast and safe escape even in smoke filled areas. It is also suitable for non-specialist personnel and for individuals wearing prescription glasses. The Parat 5510 is constructed in high resistance, high visibility, self-extinguishing fabric that withstands fire exposure with temperature exceeding 1000°C. It is fitted with a CO P2 filter protecting against gases that develop in a fire (chlorine, hydrochloric acid, nitrogen monoxide, sulphur dioxide).

Total weight of hood: 660 grams.

Dimensions: 190 x 135 x 90 mm.

Duration of the sealed package: 16 years. 8 years for the universal CO P2 filter.

FA2012

SPARE FILTER FOR PARAT 5510



FA2016

OXY 3000 MK II

EN 13794

Self-rescuer with mouthpiece that supplies employees with oxygen for **30 minutes** in the event of an incident or emergency. Effective in the case of oxygen deficiency, smoke or dangerous gases, it allows the user to gain time to complete a successful escape. The self-rescuer is designed in order to preserve the internal components from damage that might occur during normal work. The innovative Safety Eye also makes it possible to check in few seconds the functionality of the device.

Advantages:

- one-handed operation opening mechanism;
- immediate activation of starter when donning the device;
- bite mouthpiece for high wearing comfort;
- anti-static breathing bag.

Worn with a hip or shoulder strap.

IMO/MED



FA2014

SMOKE SAVER CF 15 BREATHING APPARATUS

EN 1146 IMO/MED DIRECTIVE

The Smoke Saver CF 15 constant flow emergency escape breathing apparatus (supplied with 3 litre 200 bar cylinder) is designed for escape from confined spaces in the event of an emergency, assuring autonomy of **15 minutes**. The unit is activated automatically when the carrying bag is opened and the air flow cannot be interrupted until the cylinder is empty. The pressure regulator has a gauge and a clearly audible acoustic signal will sound when the residual air pressure in the cylinder is 50 bar. The Smoke Saver CF 15 is contained in an instantly recognizable high visibility orange carrying bag, easy to carry and in fire resistant material; inside the bag there is a flame resistant hood fitted with a nose-mouth mask and a clear visor. Total weight 5.2 kg.



FA2015

PARAT 3100

DIN 58647-7

Every time a fire breaks out or an accident happens, a rapid and safe escape becomes a matter of life and death. The Parat 3100 escape device, with incorporated ABEK filter, guarantees a rapid and secure escape. It is also suitable for non-trained personnel. It protects the user's airways for at least **15 minutes**, ensuring a perfect way of escaping in areas contaminated by gases and vapours. The system is enclosed in a sturdy and handy case, in shockproof material with easy opening and belt clip to carry the device.

Dimensions: 170x110x90 mm.

Weight: 360 grams.

Total shelf life: 12 years with filter replacement every 4 years.

FA2011

PARAT 3100 SPARE FILTER



POWERED AIR-PURIFYING RESPIRATORS

SAFETY VISOR AND HELMET FOR FILTERED AIR WITH RECHARGEABLE FAN WITH WAIST MOUNTED BLOWER UNIT AND PSL OR A2PSL FILTERS.



FA2303

JETSTREAM® PSL CONSTRUCTOR KIT

EN 12941 TH2 EN 397 EN 166

Construction work JetStream portable kit containing:

- Mk7 safety helmet complete with sealed polycarbonate visor
- PSL type filter unit
- Hose
- Flow meter
- Battery, charger and plug

FA2304

JETSTREAM® A2PSL CONSTRUCTOR KIT

EN 12941 TH2 EN 397 EN 166

Version with A2PSL filter



FA2305

JETSTREAM® PSL INDUSTRIAL KIT

EN 12941 TH2 EN 166

JetStream portable kit for industrial use containing:

- Visor for grinding/buffing
- PSL type filter unit
- Hose
- Flow meter
- Battery, charger and plug

FA2306

JETSTREAM® A2PSL INDUSTRIAL KIT

EN 12941 TH2 EN 166

Version with A2PSL filter



FA2301

JETSTREAM® PSL WELDING KIT

EN 12941 TH2 EN 175 EN 379 EN 166

JetStream welding portable kit containing:

- Cobra headtop for welding/grinding/buffing, shade 9-13 and auto-darkening lens
- PSL type filter unit
- Hose
- Flow meter
- Battery, charger and plug

FA2302

JETSTREAM® A2PSL WELDING KIT

EN 12941 TH2 EN 175 EN 379 EN 166

Version with A2PSL filter

JETSTREAM^{AE} KIT



PSL type dust filter unit

It offers an Assigned Protection Factor (APF) 20 x the workplace exposure limit (WEL) for very fine dust, fibres, fumes and water mist.



A2PSL type gas/dust filter unit

It offers an Assigned Protection Factor (APF) 20 x the workplace exposure limit (WEL) for organic vapours and gases, very fine dust, fibres, fumes and water mist.



Battery charger with European and multi-region plugs



POWERED AIR PURIFYING RESPIRATORS

POWERCAP^{AE} ACTIVE IP™





FA2341

POWERCAP® ACTIVE IP™ KIT

EN 12941 TH1P EN 812 EN 166 1B

Light and ergonomic solution capable of efficiently working in very dusty environments.

01 FILTERS

featuring high performance sub-micron particulates, with front and back part in shockproof polystyrene

02 IMPELLER

in ABS

03 BUMP CAP

textile, antipilling, with rigid inserts for the actuation device

04 FACE SEAL

in foam with Nylon cover

05 VISOR

in polycarbonate



· Rechargeable battery



· Protective cap



· Spare filters



· Face seal

POWERCAP^{AE} INFINITYTM

FA2326

POWERCAP[®] INFINITY[™] KIT

EN 12941 TH3P EN 397 EN 166

MAIN FEATURES AND ADVANTAGES

The unit features a display with warnings and audible notification for battery and filter conditions, allowing the user to monitor it effectively.

Smart reactive PPE for the user: real time diagnostics monitors the system twice per second, allowing the user to identify any problem of the unit.

The battery on the Powercap Infinity is completely rechargeable, and lasts 8 hours.

The key items of the unit can be replaced by the user, assuring easy maintenance and cleaning.

The optimal air flow of Powercap[®] Infinity[™], obtained through work with aerodynamics experts in motor sports, prevents any visor fogging and the common undesired effect of dry eyes, which might happen with positive pressure respirator devices.

UNIT DIMENSIONS

Height: 300 mm approx.

Width: 250 mm approx.

Depth: 350 mm approx.

Weight: 1.1 kg approx.

OUTER PACKAGE

Quantity: 1

Weight: 1.6 kg approximately

CONFORMITY

Meets the requirements of EN 12941:1998+A2:2008

TH3 as Respiratory Protection Device

EU Type Test Certificate number 59716

Visor: EN 166:2001 1.B

Helmet: EN 397:2012+A1:2012





THE FIRST JSP 4-IN-1 HEAD UNIT PROVIDING FULLY INTEGRATED PROTECTION

PERFORMANCE

Powercap® Infinity™ offers respiratory protection TH3, with a Nominal Protection Factor of 500 (UK APF 40). The grade B visor offers impact protection up to 270 mph, with optical Class 1, allowing the users to wear the unit for the time required without effort. The visor is also scratch-proof, a great advantage in industrial work. Built around an EVO®5 helmet combining a super strong ABS shell for superior all day protection with the comfort benefits of the Evolution 3D harness system.



GAS DETECTORS - BW

GAS DETECTOR CHOICE GUIDE		SINGLE GAS DETECTORS			MULTI-GAS DETECTORS							
		GAS ALERT BW CLIP 2 YEARS	GAS ALERT BW CLIP 3 YEARS	GAS ALERT EXTREME	GAS ALERT MICROCLIP XL-X3	GAS ALERT MAX XT II	GAS ALERT QUATTRO	GAS ALERT MICRO 5	GAS ALERT MICRO 5 IR	CLIP 4	SOLO	ULTRA
MAIN FEATURES	Number of sensors	1	1	1	1-4	1-4	1-4	1-5	1-5	1-4	1	1-5
	Maintenance-free	■	■							■		
	Water resistant	■	■	■	■	■	■	■	■	■	■	■
	Data Logging			■	■	■	■	■	■	■	■	■
	Event Logging	■	■	■	■	■	■	■	■	■	■	■
	Integral Pump					■		■*	■*			
	Gas Percentage Display			■	■	■	■	■	■			
	Intelliflash Feature				■		■			■	■	■
GAS	Sulphuric Acid	H ₂ S	■	■	■	■	■	■	■	■	■	■
	Carbon Monoxide	CO	■	■	■	■	■	■	■	■	■	■
	Carbon Dioxide	CO ₂						■	■			■
	Oxygen	O ₂	■		■	■	■	■	■	■	■	■
	Fuels	LEL				■	■	■	■	■		■
	Sulphur Dioxide	SO ₂	■		■			■	■		■	■
	Hydrocyanic Acid	HCN			■			■	■		■	■
	Chlorine	CL ₂			■			■	■		■	■
	Nitrogen Dioxide	NO ₂			■			■	■		■	■
	Ammonia	NH ₃			■			■	■		■	■
	Chlorine Dioxide	ClO ₂			■			■	■		■	
	Ozone	O ₃			■			■	■		■	
	Nitric Oxide	NO			■						■	■
	Phosphine	PH ₃			■			■	■		■	
	Ethylene Oxide	ETO			■						■	
	Hydrogen	H ₂									■	■

■ * ONLY ON REQUEST
 CONFINED SPACE KIT CARRYING CASE AVAILABLE FOR ALL MODELS OF GAS DETECTORS



GAS DETECTORS - BW



FG110003	BW Clip*	H ₂ S	2 years
FG110004	BW Clip*	CO	2 years
FG110005	BW Clip	O ₂	2 years
FG110001	BW Clip	SO ₂	2 years
FG110002	BW Clip	H ₂ S	3 years
FG110006	BW Clip	CO	3 years

Main features of the BW CLIP:

- It works up to 3 years, without maintenance, with no need for calibration and replacement of sensors or batteries.
- One button operation.
- Automatic logging of the 35 most recent events of gas detection and impact test results.
- Water resistant.
- Automatic self test of battery, sensors and electronic components.
- Compatible with MicroDock II.
- Introduction of the automatic IntelliDox system which allows faster Bump Tests, reduced gas consumption, optional customisation based on operational needs.

* with hibernation function.

FG110083 Hibernation case



FG110015	Gas Alert Extreme	H ₂ S
FG110016	Gas Alert Extreme	CO
FG110020	Gas Alert Extreme	NH ₃
FG110022	Gas Alert Extreme	Cl ₂
FG110024	Gas Alert Extreme	HCN
FG110026	Gas Alert Extreme	PH ₃
FG110027	Gas Alert Extreme	O ₂

- Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms. Continuous LCD displays real-time gas concentrations.
- Low, high, TWA and STEL alarms with adjustable settings.
- Acoustic (95dB), visual and vibrating alarm. Shockproof and water resistant casing. Also available in data logging version.
- Compact size 2.8 x 5.0 x 9.5 cm.
- Lightweight 82 g.



FG110007	Gas Alert Microclip XL 1 GAS	LEL
FG110008	Gas Alert Microclip XL 2 GAS	LEL, O ₂
FG110009	Gas Alert Microclip XL 4 GAS	LEL, O ₂ , H ₂ S, CO
FG110011	Gas Alert Microclip XL 3 GAS	LEL, O ₂ , CO
FG110031	Gas Alert Microclip XL 2 GAS	H ₂ S, CO

- Detects up to 4 gases simultaneously (H₂S, CO, O₂, LEL).
- Continuous LCD displays real-time gas concentrations.
- IntelliFlash feature: continuous visual confirmation of detector operation and efficiency through a flashing green light.
- Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms.
- Rechargeable batteries.
- Acoustic (95 dB), visual and vibrating alarm.
- Low, high, TWA (Time Weighted Average), STEL (Short Term Exposure Limit) alarm for toxic gases and OL (Over Limit) alarm for combustible gases.
- Data and event logging.
- Impact and water resistant casing.
- Dimensions 11.3 x 6.0 x 3.1 cm.
- Lightweight 190 g.

Two-year warranty; high dust and water protection rating IP68 (up to 45 minutes at a depth of 1.2 m); battery duration 18 hours even in difficult weather conditions down to -20° C.

FG110028	Microclip X3 1 GAS	LEL
FG110029	Microclip X3 2 GAS	LEL, O ₂
FG110010	Microclip X3 4 GAS	LEL, O ₂ , H ₂ S, CO
FG110012	Microclip X3 3 GAS	LEL, O ₂ , CO
FG110030	Microclip X3 2 GAS	H ₂ S, CO

Service life 5 years, supported by 3-year warranty; new O₂ sensor that does not require replacing during the detector's service life; high dust and water protection rating IP68 (up to 45 minutes at a depth of 1.2 m); battery duration 18 hours even in difficult weather conditions down to -20° C.

FG110047	Spare LEL sensor
FG110048	Spare HS sensor
FG110049	Spare CO sensor
FG110013	Spare O₂ sensor
FG110044	Multi-gas 34 L cylinder
FG110105	Wall battery charger for XL and X3



FG110032 Gas Alert Max XT II 4 GAS LEL, O₂, H₂S, CO

- Σ Detects up to 4 gases simultaneously (H₂S, CO, O₂, LEL).
- Σ Continuous LCD displays real-time gas concentrations.
- Σ Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms.
- Σ Fitted with integrated motor pump and 3m sampling tube for gas detection in confined spaces.
- Σ Impact and water resistant casing.
- Σ Features: advanced microprocessors, and easy plug in/replaceable catalytic and electrochemical sensors.
- Σ Low, high, TWA (Time Weighted Average), STEL (Short Term Exposure Limit) alarm for toxic gases and OL (Over Limit) alarm for combustible gases, low battery.
- Σ Acoustic (95 dB), visual and vibrating alarm.
- Σ Rechargeable batteries.
- Σ Compact 13.1 x 7.0 x 5.2 cm.
- Σ Weight 328 g.

FG110037 Gas Alert Max XT II carrying case with calibration kit

Included in the case: gas detector, batteries, anti-shock casing, calibration gas cylinder, demand flow regulator and the 3 m sampling tube.



5 GAS STANDARD VERSION FOR TOXIC GASES

FG110033 Gas Alert Micro 5 H₂S, CO, O₂, LEL, SO₂

FG110035 Gas Alert Micro 5 H₂S, CO, O₂, LEL, Cl₂

This detector monitors up to 5 potential gases.

Caution: check the possible combinations among the following detectable gases: H₂S, CO, SO₂, PH₃, NH₃, NO₂, HCN, Cl₂, O₃.

5 GAS IR VERSION

FG110042 Gas Alert Micro 5 IR CO₂IR, LEL, O₂, CO, H₂S

This detector monitors up to 5 potential gases, among which CO₂, by means of an infrared sensor.

FG110043 Gas Alert Micro 5 carrying case with calibration kit

Included in the case: gas detector, calibration cylinders, demand flow regulator, rechargeable batteries and battery charger.

GAS DETECTORS - BW



FG110108	BW SOLO	O₂
FG110109	BW SOLO	CO
FG110110	BW SOLO	H₂S

Single gas detector with series 1 sensors for CO, H₂S and O₂. Assures high accuracy, long duration and faster sensor response time for the most commonly detected gases.

MAIN FEATURES

- Withstands temperatures from -40 °C to 60 °C.
- Easy to read display for several languages.
- One button operation.
- Measurements 7.0 x 6.7 x 3.6 cm.
- Weight from 103 to 116 g, according to the installed sensor.
- Alarm: Visual, vibration, acoustic (95 dB); Low, High, TWA, STEL, non conformity.

- Available sensors:
- Hydrogen Sulphide (H₂S)
 - Carbon monoxide (CO)
 - Oxygen (O₂)
 - Sulphur Dioxide (SO₂)
 - Hydrogen (H₂)
 - Ammonia (NH₃)
 - Chlorine (Cl₂)
 - Nitrogen Dioxide (NO₂)
 - Hydrocyanic Acid (HCN)
 - Ozone (O₃)
 - Ethylene Oxide (ETO)
 - Phosphine (PH₃)
 - Nitric Oxide (NO)
 - Chlorine Dioxide (ClO₂)

The single gas detector is easy to service, does not need to be disassembled to replace sensors, batteries and sensor filters. Sensor life 5 years. 3-year guarantee.



FG110039	Gas Alert Quattro 4 Gas	LEL, O₂, H₂S, CO
FG110040	Gas Alert Quattro 3 Gas	LEL, O₂, CO
FG110041	Gas Alert Quattro 2 Gas	LEL, O₂

- Rugged and reliable, combines a comprehensive range of features with simple one-button operation.
- Detects up to 4 gases simultaneously (H₂S, CO, O₂, LEL).
- Continuous LCD displays real-time gas concentrations and easy to identify icons for information on operation.
- Intelliflash feature: continuous visual confirmation of detector operation and efficiency through a flashing green light.
- Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms.
- Impact and water resistant casing.
- Features: advanced microprocessors, and easy plug in/replaceable catalytic and electrochemical sensors.
- Low, high, TWA (Time Weighted Average), STEL (Short Term Exposure Limit) alarm for toxic gases and OL (Over Limit) alarm for combustible gases.
- Rechargeable batteries.
- Acoustic (95dB), visual (six red LEDs) and vibrating alarm.
- Compact 13.0 x 8.1 x 4.7 cm.
- Weight 316 g.



SA110008	Multi-gas detector calibration service
SA110009	Inspection service without repair
SA110007	Single gas calibration service



FG110014 BW CLIP 4

H₂S, CO, O₂, LEL

The four gas detector BW Clip4 - Hydrogen Sulphide (H₂S), Carbon Monoxide (CO), Oxygen (O₂) and Combustible Gases (LEL) - is small and easy to wear, long-lasting and ergonomic. After activation, the BW Clip4 detector remains always on and assures continuous operation for 2 years, with no need to charge or replace the battery or sensors.

- Easy to use, one-button operation.
- User-friendly LCD icons.
- Real time gas concentrations displayed on the LCD.
- The red blinking non conformity indicators alert the user that the detector has not been tested (Bump Test) as required.
- Automatic test for sensor integrity, battery status, circuit integrity and acoustic/visual alarms performed daily.
- Integrated anti-shock and water resistant casing.
- Tested to withstand the most challenging environments.
- Dimensions: 12.0 x 6.8 x 3.2 cm.
- Weight: 233 g.
- Alarm Types: Visual, vibration, acoustic (95 dB); Low, High, TWA, STEL, Over Limit (OL).



FG110111 BW ULTRA 4 GAS

O₂, LEL, H₂S, CO

FG110112 BW ULTRA 5 GAS

O₂, LEL, H₂S, CO, CL₂

FG110113 BW ULTRA 5 GAS

O₂, LEL, H₂S, CO, NH₃

FG110114 BW ULTRA 5 GAS

O₂, LEL, H₂S, CO, SO₂

FG110115 BW ULTRA 5 GAS

O₂, LEL, H₂S, CO, CO₂, IR

Specifically designed for sampling and monitoring in confined spaces, Honeywell BW Ultra boasts state-of-the-art sensors, better visibility of the gas readings and higher levels of comfort and connectivity. It assures conformity to all safety standards, also offers the option of selecting a fifth sensor from a list of gases. It is fitted with a series 1 sensor, able to provide rapid response, reliable performances and long service life even in the most challenging environments.

MAIN FEATURES AND ADVANTAGES

- Extraordinary simplicity of use.
- Tamper-proof, one-button operation.
- User-friendly LCD icons.
- Easy maintenance and servicing.
- Greater visibility thanks to the wide, intuitive dot-matrix display for clearer reading.
- Smart gas layout for clearer sensor reading.
- Confined space mode.
- IntelliFlash™ and Reverse IntelliFlash™ technology for full compliance with the standards in force.
- Honeycomb structure case for greater sturdiness.
- Smart layout of protection points.
- Display with scratchproof protection.
- Compatibility with the Honeywell Connected Worker solution.
- Honeywell TouchConnect™ technology to activate functions.
- Supported by the Honeywell Safety Suite software to send reports.
- Ergonomic design for ease of use.
- Light yet sturdy design.
- Perfectly adapts to your hand to make sampling operations easier.
- Ultra fast.
- Rapid response sensor technology.
- Wide display.
- Quick calibration and bump test operations thanks to the IntelliDoX system.
- Dimensions: 14.8 x 8.5 x 4 cm.
- Weight: 411 gr (including gripper).
- Alarm types: visual, vibration, acoustic (95 dB); Low, High, TWA, STEL, Over Limit (OL).



HELMETS

Helmets are designed and built to protect the user's head from vertical and lateral impacts caused by falling, swinging or flying materials. They consist of an outer shell and inner lining. The inner part, depending on the model, may consist of supporting bands, perimeter band rear band, sweatband and internal padding. The protective helmet must have a high resistance to impact and penetration, in compliance with the requirements set forth by standard EN 397. The distance between the user's head and the inner part of the shell ensures the useful deflection for exhausting the impact energy. The helmet's shape must deviate the objects that hit it, possibly tangentially. The internal structure of the helmet must distribute the loads that may weigh on the head. The sweatband must be made of material suitable for contact with the skin and assure correct positioning of the helmet. The rear band, together with the adjustable perimeter strap, must assure correct positioning of the helmet even in a stooping position. Helmets must be secured to the head by a chinstrap so that they cannot move or fall.

EN 397

EN standard 397 sets forth the requirements for protective helmets for industry, intended essentially to protect the user from falling objects and from brain injuries and skull fractures they may cause. The requirements are as follows:

- impact resistance: force transmitted to the head ≤ 5.0 kN with impact energy 49 J (a mass of 5 kg falling from a height of 1 metre);
- penetration resistance: no penetration with impact energy 29 J (a mass of 3 kg falling from a height of 1 metre);
- flame resistance: no damage after exposure to the flame for 5 seconds;
- resistance to low temperature (-20 °C or -30 °C): impact and penetration resistance at a temperature of -20 °C or -30 °C. Optional requirements;
- resistance to high temperature (+150 °C): impact and penetration resistance at a temperature of 150 °C. Optional requirements;
- electrical properties (440 V AC): leakage current ≤ 1.2 mA at a voltage of 1,200 V AC Optional requirement;
- lateral deformation (LD) ≤ 40 mm and residual deformation ≤ 15 mm, when subject to a progressive load up to 430 N. Optional requirement;
- molten metal splashes (MM): no damage after contact with 150 g of molten iron. Optional requirement.

EN 812

EN standard 812 specifies the performance requirements for bump caps for industry. Bump caps for industry are intended to protect the user against the effects of head impact against a hard and stationary object, the severity of which is such as to cause a cut or other superficial injuries. This head gear is not intended to protect from the effects of falling or throwing objects or from suspended or moving loads, in these cases it is required to use industrial safety helmets compliant with EN 397. The requirements are as follows:

- impact resistance: force transmitted to the head ≤ 15.0 kN with impact energy 12.5 J (a mass of 5 kg falling from a height of 25 centimetres);
- penetration resistance: no penetration with impact energy 2.5 J (a mass of 0.5 kg falling from a height of 50 centimetres);
- resistance to low temperature (-20 °C or -30 °C): impact and penetration resistance at a temperature of -20 °C or -30 °C. Optional requirements;
- flame resistance (F): no damage after exposure to the flame for 5 seconds. Optional requirements;
- electrical properties (440 V AC): leakage current ≤ 1.2 mA at a voltage of 1,200 V AC Optional requirement.

EN 50365

EN standard 50365 sets forth the requirements for insulating helmets, to be used in high voltage work or near live parts on installations with voltages not exceeding 1000 V AC and 1500 V DC. If used jointly with other insulating equipment, these helmets prevent the electrical current from going through the human body via the head.

EN 443

EN standard 443 specifies the minimum requirements for Firefighters' helmets, intended to protect the upper head against the effects of impact, penetration, lateral deformation, radiant heat, molten metals and flames, during fire fighting in buildings and other structures.

EN 12492

EN standard 12492 sets forth the safety requirements for protection helmets used for working at height. The helmet is tested against vertical, frontal, lateral and rear impact. In all these conditions, the force transmitted to the head must be ≤ 10 kN. Penetration resistance is also tested, with impact energy 1.5 J (a mass of 3 kg falling from a height of 50 mm).

EN 16471

EN standard 16471 specifies the minimum requirements for helmets for fighting forest and/or vegetation fires that mainly protect the upper part of the head against the effects of an impact, penetration, heat, flames and burning embers.

EN 16472

EN standard 16472 specifies a method for achieving accelerated artificial photo-ageing of test specimens.

EN 16473

EN standard 16473 specifies the minimum requirements for technical rescue helmets, intended to protect the upper head mainly against the effects of mechanical hazards such as impact and penetration, flame, electrical and chemical hazards.

EN 14458

EN standard 14458 specifies the minimum requirements for visors designed specifically to be used only with protective helmets.

MODEL		F1XF	F2X-TREM	ABS 900	V-GARD 500 ⁽¹⁾	ROCKMAN T6	EVEREST	V-GARD	MARS	COSMOS	COSMOS TEXTILE HARNESS	FIRST BASE	HARDCAP A1+	HARDCAP AEROLITE®
PROTECTION LEVEL		5	4	3+	3+	3	2+	2+	2+	2	2	1	2+	2
REFERENCE STANDARDS	EN 397			■	■	■	■	■	■	■	■			
	EN 50365			■	■		■	■	■					
	EN 443	■												
	EN 12492		■											
	EN 16471 / EN 16473	■	■											
	EN 812											■	■	■
REQUIREMENTS	IMPACT RESISTANCE	123 J	98 J	49 J	49 J	49 J	49 J	49 J	49 J	49 J	49 J	12,5 J	12 J	12 J
	LATERAL IMPACT RESISTANCE		25 J										12 J	
	LOW TEMPERATURES	-30 °C	-30 °C	-30 °C	-30 °C		-30 °C	-30 °C	-30 °C				-40 °C	-40 °C
	HIGH TEMPERATURES	120 °C	+90 °C			+150 °C								
	ELECTRICAL INSULATION	440V AC 1000 V AC	440 V AC	1000 V AC	440V AC 1000V AC ⁽²⁾		1000 V AC	440V AC 1000 V AC	1000 V AC					
	LATERAL DEFORMATION (LD)	■	■	■	■	■								
	MOLTEN METAL SPLASHES (MM)	■				■								
SHELL MATERIAL	HDPE						■	■		■	■		■	■
	ABS			■	■				■			■		
	POLYCARBONATE AND GLASS FIBRE					■								
	HIGH TEMPERATURE THERMOPLASTIC	■	■											
HARNESS	POLYETHYLENE									■				
	TEXTILE	■	■	■	■	■	■	■	■		■			
	ADJUSTMENT RATCHET WHEEL			■			■		■	■				
	NOMEX	■	■											
OPTIONS	VENTED		■		■							■	■	■

(1) = available in vented and non-vented version
(2) = only for non-vented version



COSMOS



COSMOS HELMET

EN 397

Helmet in polyethylene with polyethylene four-point head harness. With slots for fitting earmuffs, chinstrap attachment, ratchet wheel for size adjustment and sweatband. One size fits all.

MD1211K1 White

MD1211E0 Yellow

MD1211H0 Orange

MD1211L0 Red

MD1211P0 Blue

MD1211S0 Green



COSMOS HELMET

EN 397

Helmet in polyethylene with internal textile four-point head harness. With slots for fitting earmuffs, chinstrap attachment, ratchet wheel for size adjustment and sweatband. One size fits all.

MD1219K1 White

MD1219E0 Yellow

MD1219H0 Orange

MD1219L0 Red

MD1219P0 Blue

MD1219S0 Green



MD1512 CHINSTRAP

Adjustable Nylon chinstrap for Cosmos helmet.



MD1513 SWEATBAND

Sweatband for Cosmos helmet.



KIT OF REFLECTIVE STICKERS FOR COSMOS HELMET

Stickers in highly reflective, scratch-proof adhesive prismatic band.

MD1529L0 Red

MD1529E0 Yellow

MD1529X7 Silver

MD1529P0 Blue





MD1516

HELMET LAMP

350 lumen multipurpose front lamp. Mixed and wide light beam, ideal for outdoor activities. The red light and elastic band allows the user to be visible in the dark. Can be fitted on any helmet type.



MD1218L0

ROCKMAN T6 HEAT-RESISTANT HELMET

EN 397

In polycarbonate and glass fibre. Six-point Terylene fabric head harness, withstands temperatures up to 150°C, in red colour. Resistant to molten metal splashes (MM) and lateral deformation (LD).



MD1528

WATERPROOF HELMET COVER

To be secured onto the helmet with Velcro, to ensure neck and shoulders protection.



ABS 900



ABS 900

EN 397 EN 50365

Helmet in ABS with textile six-point head harness. With slots for hooking the earmuffs, two-point adjustable chinstrap, textile sweatband and ratchet wheel for easy size adjustment.

MD1215K1 White

MD1215E0 Yellow

MD1215H0 Orange

MD1215L0 Red

MD1215N0 Light blue

MD1215E1 High visibility yellow



MD1515 SWEATBAND

Sweatband for ABS 900, Mars and Everest helmets.

Not in photo:

FB1130 NECK COVER

Optional cover to protect the neck from debris, sun and rain.





**KIT OF REFLECTIVE STICKERS
FOR ABS 900 HELMET**

Stickers in highly reflective, scratch-proof adhesive prismatic band.

MD1531L0 Red

MD1531E0 Yellow

MD1531X7 Silver

MD1531P0 Blue



MARS



MARS HELMETS

EN 397 EN 50365

Helmet in ABS with textile six-point head harness. With slots for hooking the earmuffs, three-point adjustable chinstrap with chincup, textile sweatband and ratchet wheel for easy size adjustment.

MD1217K1 White

MD1217E0 Yellow

MD1217H0 Orange

MD1217L0 Red

MD1217P0 Blue

MD1217B0 Grey



MD1515 SWEATBAND

Sweatband for ABS 900, Mars and Everest helmet.

KIT OF REFLECTIVE STICKERS FOR MARS HELMET

Stickers in highly reflective, scratch-proof adhesive prismatic band.

MD1530L0 Red

MD1530E0 Yellow

MD1530X7 Silver

MD1530P0 Blue



EVEREST

EVEREST HELMET

EN 397 EN 50365

The range of Everest safety helmets is made in HDPE. Withstands low temperatures down to -30°C. Wide textile sweatband. Four-point chinstrap adjustment with chincup to always ensure correct positioning. Textile 6-point head harness. Size with adjustment ratchet wheel 52-63.

MD1216K1 White

MD1216E0 Yellow

MD1216H0 Orange

MD1216N0 Light blue

MD1216E1 High visibility yellow

MD1216H1 High visibility orange



MD1515 SWEATBAND
Sweatband for Everest, Mars and ABS 900 helmet.





KIT OF REFLECTIVE STICKERS FOR EVEREST HELMET

Stickers in highly reflective, scratch-proof adhesive prismatic band.

MD1532L0 Red

MD1532E0 Yellow

MD1532X7 Silver

MD1532P0 Blue



FB1211

SPEED EYE SHIELD

EN 166 F

Speed eye shield specifically designed to fit the Everest helmet, in scratch-proof and shockproof polycarbonate. Light and easy to mount thanks to the pre-assembled inserts. Fitted with side arms on the upper part for critical movement from the work position to the rest position. Clear lens.

FB1212

TINTED SPEED EYE SHIELD

Smoke lens version.



MSA



V-GUARD HELMET

EN 397 EN 50365 EN ISO 80079-36

Helmets made of UV stabilised, high density polyethylene (HDPE), with Push-Key 4-point head harness and textile straps with ratchet wheel adjustment, for increased stability. Incorporated slots for hearing and face protection. Various colours available. Size adjustment between 52-62 cm.

Weight: 335 g.

Conforming to EN 397 standard and compliant with optional requirements:

- Very low temperature (-30°C);
- Electrical insulation (440V AC);
- Electrical insulation approval: EN 50365 electric shock up to 1000 V AC or 1500 V DC;
- Antistatic approval: EN ISO 80079-36 for zone 1, 2 Group IIA and for zone 20, 21, 22 Group IIIA, IIIB, IIIC.

MD1413K1 White	MD1413LO Red
MD1413E0 Yellow	MD1413P0 Blue
MD1413H0 Orange	MD1413S0 Green

Not in photo:

MD1525

V-GARD HELMET MOUNTED EARMUFFS

EN 352-3

The V-Gard helmet muffs are fitted with soft and comfortable ear pads. With specific design for the right and the left ear, they adapt perfectly to the anatomy of the individual ensuring comfort and maximum efficiency.

Low attenuation: 24 dB, H = 27, M = 22, L = 15.

MD1526

ELASTIC TWO-POINT CHINSTRAP

The two-point elasticated chinstrap for V-Gard helmets is particularly suited for working at height and in very windy areas.

MD1527

POLYCARBONATE VISOR FOR ARC FLASH

EN 166 3 8 9 BT
EN 170 3-1.2 1 B 3 8 9

Polycarbonate visor for arc flash with frame for helmet with slot. Thickness 1.5 mm, dimensions 190x430 mm. Protection from splashes, short circuit arc flash, molten metals and hot solids.



V-GUARD 500 HELMETS

EN 397 EN 50365 EN ISO 80079-36

High quality helmet with ABS shell with Push-Key 4-point head harness and textile straps with ratchet wheel adjustment, for increased stability. Available in vented (for which electrical insulation is not effective) and non-vented shell. Incorporated slots for hearing and face protection. Size adjustment between 52-62 cm.

Weight: 340 g.

Conforming to EN 397 standard and compliant with optional requirements:

- Very low temperature (-30°C);
- Lateral deformation (LD);
- Electrical insulation (440V AC);
- Electrical insulation approval: EN 50365 electric shock up to 1000 V AC or 1500 V DC;
- Antistatic approval: EN ISO 80079-36 for zone 1, 2 Group IIA and for zone 20, 21, 22 Group IIIA, IIIB, IIIC.

MD1414K1 White
MD1414E0 Yellow
MD1414H0 Orange
MD1414LO Red
MD1414P0 Blue
MD1414S0 Green
MD1414B0 Grey
MD1414Z9 Black



V-GARD

V-GARD 500

STANDARD	EN 397	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	EN 50365	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	EN 80079-36	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SHELL	ABS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	HDPE	<input checked="" type="checkbox"/>	<input type="checkbox"/>



F1XF FIREFIGHTER HELMET FOR STRUCTURAL FIRES

EN 443 EN16471 EN 16473 EN 14458

The new F1XF helmet is ideal for structural firefighting, in buildings, tunnels and other structures.

Shell: injection moulded, high-temperature resistant thermoplastic material.

Shock absorption padding: shock absorbing polyurethane foam with moulded reinforcement in aramid.

Flame resistant padded headband and chinstrap cover.

Chinstrap: 3-point, adjustable with quick release buckle.

Face shield: protective visor in thermoplastic material with gold coating.

Ready for fitting integrated short-range lamp for excellent visibility in dark and smoky environments.

Weight: 1450 g. (M) - 1550 gr. (L)

Sizes: M (52-62 cm) and L (57-65 cm).

MD1411K1	White
MD1411E0	Yellow
MD1411E1	High visibility yellow
MD1411H1	High visibility orange
MD1411L0	Red
MD1411P0	Blue
MD1411S0	Green
MD1411B0	Grey
MD1411Z9	Black

F2 X-TREM HELMET FOR FOREST FIRES AND RESCUE USE

EN 12492 EN 16471 EN 16473

Helmet for forest fires and rescue, with lightweight thermoplastic shell with ventilation holes, safety goggles against splinters and smoke in compliance with standard EN 166 CE integrated to the structure with adjustable elastic strap, reflective stickers; quick adjustment with head harness and 3-point chinstrap and integrated chincup.

Weight 680 g without accessories.

One size fits all, adjustable from 52 to 64 cm.

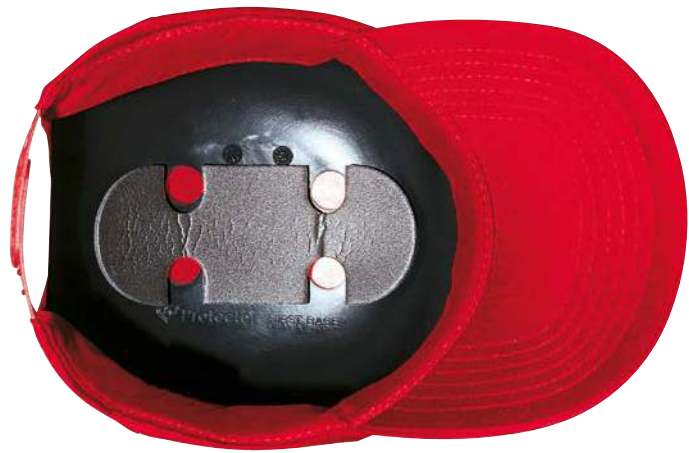
Ready for fitting lamp MD1524.

MD1412K1	White
MD1412E0	Yellow
MD1412E1	High visibility yellow
MD1412H1	High visibility orange
MD1412L0	Red
MD1412P0	Blue
MD1412S0	Green
MD1412B0	Grey
MD1412Z9	Black

MD1524 F2 X-TREM HELMET LAMP



BUMP CAPS



FIRST BASE BUMP CAP

EN 812

Designed for use in situations that do not pose serious impact risks. The design is inspired by baseball caps, made in 100% cotton. Light internal protective shell, in washable ABS. An additional polyurethane foam layer acts as spacer and increases the user's comfort.

MD1111L0 Red

MD1111H0 Orange

MD1111E0 Yellow

MD1111S0 Green

MD1111P8 Royal blue

MD1111P0 Blue

MD1111Z9 Black

MD1111B0 Grey

MD1111K1 White



1.



2.



3.



4.



5.



6.



7.



8.



9.



HARDCAP™ AEROLITE[€]

EN 812

Safety bump cap with sturdy and light HDPE shell, with side reflective bands for increased visibility. Comfortable padding and mesh fabric cap to assure breathability even if worn for long periods. Removable and washable cap.

- 1. **MD1114Q7** Short 5 cm peak, navy blue
- 2. **MD1114Z9** Short 5 cm peak, black
- 3. **MD1117K1** Micro 2.5 cm peak, washable at 60°C, white

HARDCAP™ A1+[€]

EN 812

HDPE shell for protection from top and lateral impacts. Cap with mesh fabric panels and perforated shell for increased breathability, with reflective edges. Removable and washable cap.

- 4. **MD1115Q7** Short 5 cm peak, flame retardant version, tested at 180° C, navy blue
- 5. **MD1116L0** Short 5 cm peak, red
- 6. **MD1116Q7** Short 5 cm peak, navy blue
- 7. **MD1116ZH** Short 5 cm peak, black/orange
- 8. **MD1116H1** Short 5 cm peak, high visibility orange
- 9. **MD1118K1** Micro 2.5 cm peak, stain resistant and waterproof, with removable hairnet and metal loop for machinery detection



HELMET FACE SHIELDS



FB1138

RADIO SHIELD

EN 166

Golden polycarbonate helmet shield. Provides high protection by reflecting the heat from furnaces or from melting processes. Its shape and ample fit ensure thermal insulation and mechanical protection for face, neck and temples. The light green inner tint assures excellent vision. Designed for maximum efficiency when working with incandescent materials.
Height 25 cm.

FB1139
ADAPTER FOR GOLDEN VISOR



FB1133

ARC INTEGRA SHIELD

EN 166 8 AT Class 1 EN 170 GS-ET-29 3-1.7 1 AT 8-1-1 9 K 3

Face shield in polycarbonate, attachable to helmet, with chincup and ABS adapter. Protects from high-speed particles at extreme temperatures, splashes of molten metals and incandescent solids and from liquid drops and jets. It has no metal components and is certified for thermal risks caused by arc flash. Suitable for use with Mars series helmets.
Height 24 cm.



FB1111

CLEAR MESH SHIELD

EN 166 3 BT

Impact resistant face shield with wrap-around shape for clear, undistorted view. The reinforced aluminium edge provides great rigidity.
Height 20 cm.

FB1114
ALUMINIUM ADAPTER

For FB1111, FB1112, FB1113 and FB1135 visors.

Not in photo:

FB1112

GREEN POLYCARBONATE MESH SHIELD

EN 166

In polycarbonate with reinforced aluminium edges. Impact resistant. Green.
Height 20 cm.



FB1135

INTEGRA SHIELD

EN 166 3 BT

Polycarbonate shield with ABS chincup. Provides excellent protection against splashes.
Height 21 cm.



FB1130

NECK COVER

Optional cover to protect the neck from debris, sun and rain.

FB1113

METAL MESH SHIELD

EN 1731 F

Made of metal mesh providing protection against impacts with large bodies, such as stones, wood, etc.
Height 20 cm.



FB1137

PRETORIA SHIELD

EN 166

In polycarbonate, suitable for use with Cosmos helmets.
Height 20 cm.

FB1136
ADAPTER FOR COSMOS HELMET

FACE SHIELDS



FB1215

GHOST SHIELD

EN 166 1F

Padded half-shell visor secured to the head by adjustable elastic band.
Height 20 cm.



FB1216

URBAN SHIELD

EN 1731

Mesh visor fitted with adjustable elastic band.
Height 20 cm.



FB1217

NORDIKA SHIELD

EN 166 B

Clear polycarbonate visor. Padded half-shell adjustable in height and circumference.
Height 20 cm.



FB1115

MESH POLYCARBONATE SHIELD

EN 166 3 BT

Full visor consisting of polycarbonate shield. Aluminium reinforced edge. The shell is adjustable in height and circumference and is padded with a frontal sweatband.
Height 20 cm.



FB1117

METAL MESH SHIELD

EN 1731 F

The very thin, close-knit metal mesh structure blocks even small solids.
Height 20 cm.



FB1131

SECURA SHIELD

EN 166 GS-ET-29 CLASSE 1

Full visor consisting of polycarbonate shield. It provides mechanical protection from impact and thermal risks caused by arc flash. Adjustable for optimal comfort, it withstands medium energy impacts and protects from liquid splashes and drops.
Height 20 cm.



FB1132

INTEGRA SHIELD

EN 166 3 BT

Full visor consisting of polycarbonate shield and ABS chin cup. Protects from impact with high-speed particles and extreme temperature and medium energy. Provides excellent protection against liquid splashes thanks to the chin cup.
Height 21 cm.



SAFETY GLASSES

CLEAR LENS SPORT SERIES

SIR'S DESIGN PHILOSOPHY CONSIDERS THE USER'S COMFORT AND THE PRODUCT'S STYLE AS IMPORTANT AS THE LEVEL OF PROTECTION.

MODEL

ALL HAVE ERGONOMIC TEMPLES AND WRAP-AROUND LENSES PROVIDING A DISTORTION-FREE, 180° VISION.

FRAME

ALL ARE HIGHLY DURABLE AND ERGONOMIC. MANY MODELS HAVE EXTENDIBLE TEMPLES AND RUBBERISED TIPS FOR BETTER GRIP BEHIND THE EARS.

NOSE PIECE

MOST MODELS FEATURE A SOFT, NON-SLIP NOSE PIECE FOR GREATER COMFORT.

LENSES

ALL HAVE A MINIMUM THICKNESS OF 2.2 MM, A SCRATCH RESISTANT TREATMENT AND SOME MODELS ARE AVAILABLE WITH A SPECIAL ANTI-FOG TREATMENT. THEY HAVE ALL BEEN COMPUTER INSPECTED.



FB1313

URANIO CHIARO

EN 166 F

Clear lens 2-1,2 1 F.



FB1314

NYLON

EN 166 1 F

Adjustable temples.
Clear lens 2-1,2 1 F.



FB1315

GOMMA

EN 166 F

Comfort nose piece.
Clear lens 2-1,2 1 F.



FB1316

ACCIAIO

EN 166 F

Flexible and extendible temples.
Clear lens 2-1,2 1 F.



FB1317

SABBIA

EN 166 F

Adjustable temples.
Clear lens 2-1,2 1 F.



FB1319

CESIO

EN 166 F

Adjustable temples.
Clear lens 2-1,2 1 F.



FB1320

IODIO

EN 166 F

Clear lens 2-1,2 1 F.



FB1321

XENIO

EN 166 F

Comfort nose piece.
Clear lens 2-1,2 1 F.



FB1322

SKY

EN 166 F

Adjustable temples.
Clear lens 2-1,2 1 F.



FB1325

OSSIGENO CHIARO

EN 166 F

Particularly wide glasses for an integrated brow guard, nose piece and inner edge of soft EVA, flexible temples, anti-fog and anti-scratch treatment, integrated adjustable and detachable elastic strap.
Clear lens 2C-1,2 1 F.



FB1326

FOSFORO CHIARO

EN 166 1FT

Adjustable, removable and replaceable temples with adjustable elastic strap, inner edge coupled with foam that absorbs any impact and protects against the entry of fine particles and splashes.
Anti-fog treatment. Clear lens 2C-1,2 1 FT.



FB1327

NEON

EN 166 F

Extremely light glasses, entirely transparent to prevent interruptions in the visual field, comfort nose piece.
Clear lens 2C-1,2 1 F.



FB1328

AZOTO CHIARO

EN 166 F

In polycarbonate, entirely transparent to prevent interruptions in the visual field. Clear lens 2C-1,2 1 F.



FB1329

ARGON CHIARO

EN 166 F

Entirely in polycarbonate with inner edge and foam padding that absorbs shock on impact and protects against the entry of fine particles and splashes. Clear lens 2C-1,2 1 F.



SAFETY GLASSES

DARK LENS SPORT SERIES

SPECIFICALLY DESIGNED FOR ENVIRONMENTS WITH BRIGHT LIGHTING. INTENDED FOR USE IN METAL CUTTING OR BLAST FURNACES.

Glasses marking according to EN 166

LENS SPECIFICATIONS	
FILTER TYPE	
2	Protection from UV rays with possible colour distortion
2C	Protection from UV rays with good colour recognition
4	Protection from infrared rays
5	Protection from sun not specifically for infrared
6	Protection from sun radiation with infrared specification
LEVEL OF PROTECTION IN PRESENCE OF SUNLIGHT	
1,2	Light passing from 74.4% to 99.9%
1,7	Light passing from 43.2% to 58.1%
2,5	Light passing from 17.8% to 29.1%
3,1	Light passing from 8% to 17.8%
OPTICAL CLASS	
1	For continual use
2	For intermittent use



FB1411

ZINCO

EN 166 F

Grey lens 5-2,5 1 F.



FB1412

ACCIAIO SCURO

EN 166 F

Dark lens, flexible temples. Provides adequate protection against the glare of sunlight. Lens 5 1 F.



FB1418

BORA

EN 166 F

Dark grey lens with extendible temples, 5-2,5 1 F.



FB1420

AZOTO SCURO

EN 166 F

Entirely in smoky grey polycarbonate for use in environments with bright lighting. Grey lens 5-3,1 1 F.



FB1421

ARGON SCURO

EN 166 F

Entirely in smoky grey polycarbonate for use in environments with bright lighting, with inner foam padding that absorbs shock on impact and protects against the entry of fine particles and splashes. Grey lens 5-3,1 1 F.



FB1423

DOUBLE FACE

EN 166 F

Double lens, clear inner and dark outer for use in all work situations. The dark lens is conveniently lifted without needing to change glasses. Scratch-proof treatment. Clear lens 2C-1,2 1 FT. Dark lens.

FRAME SPECIFICATIONS

	APPLICATIONS
3	Liquids
4	Large dust particles
5	Gases and fine dust particles
9	Molten and hot solid metals

LENS AND FRAME SPECIFICATIONS

	MECHANICAL RESISTANCE
F	Lens resistant to blows (Ø 6 mm steel ball travelling at 45 m/s)
B	Lens resistant to blows (Ø 6 mm steel ball travelling at 120 m/s)
S	Lens resistant to blows (Ø 22 mm steel ball travelling at 5.1 m/s)
T	Lens resistant to high-speed particles at extreme temperatures
K	Resistant to surface damage caused by fine particles

ACCESSORIES



FB1711
Glasses case
Can be hooked to belt.



FB1712
Adjustable elastic string
For glasses, connecting temples directly through the holes.



FB1713
Elastic cord
For glasses with perforated temple endings.

OVERGLASSES SERIES

THEY ARE USED TO PROTECT PRESCRIPTION GLASSES.
THE GREAT BREADTH AND STRENGTH OF THE LENS MAKE THEM SUITABLE FOR HEAVY DUTY WORK AND TASKS.



FB1318

TERRA

EN 166 S

Model with clear lens and extendible, flexible temples. Anti-fog treatment.
Lens 2-1,2 1 S.



FB1330

SNOW

EN 166 FT

Clear lens and extendible temples. Anti-fog treatment.
Lens 2C-1,2 1 FT.



FB1415

LAVA

EN 166 F

With grey lens.
Lens 5-2,5 1 F.



FB1422

SMOKE

EN 166 FT

Grey lens and extendible temples. Anti-fog treatment.
Lens 5-2,5 1 FT.





GOGGLES SERIES



FB1615

ARGILLA

EN 166 B

Clear acetate lens, ventilated through air holes.
Lens 2-1,2 1 B.



FB1617

VISION

EN 166 B

Goggles in soft PVC with wide adjustable strap, perfect adherence to the shape of the face.
Polycarbonate lens 2-1,2 1 B.



FB1626

GLOBUS

EN 166 3 4 9 BT

Clear lens, indirect aeration holes; inner edge and foam padding guarantee a perfect seal and adherence to the face. Anti-fog treatment.
Lens 2C-1,2 1 BT.



FB1616

MERCURIO

EN 166 B 3 4

Large size clear lens for 180° all-round vision. Anti-fog treatment.
Lens 2-1,2 2 B.



FB1627

DAVIS

EN 166 3 4 9 B

Clear lens, non ventilated for protection against splashes and drops and adjustable elastic with quick release. Anti-fog treatment.
Lens 2C-1,2 1 B.



FB1629

ORSON

EN 166 BT

Clear lens, non ventilated in the top part for protection against splashes and ventilated in the lower part to prevent fogging. Inner edge with soft foam and adjustable elastic strap with quick release.
Lens 2C-1,2 1 BT.



FB1628

DRAGONFLY

EN 166 BT

Clear lens, indirect ventilation and adjustable elastic strap with quick release. Anti-fog treatment.
Lens 2C-1,2 1 BT.



EXCALIBUR RANGE





FB1620

EXCALIBUR SAFETY GLASSES

EN 166 BT 3

Large size clear lens for 180° all-round vision. Thanks to the internal side slits it can also be used by operators with prescription glasses. Transparent.
Lens 2C-1,2 1 BT 3.

FB1623

EXCALIBUR VISOR

EN 166 BT 3

Protective visor in polycarbonate, protects from solid particles and also excellently against splashes. Transparent.

FB1621

EXCALIBUR GREY SAFETY GLASSES

Dark lens and dark frame version.

FB1624

EXCALIBUR GREY VISOR

EN 166 BT 3

Model in dark colour.



FB1625

FIRE EXCALIBUR SHIELD

EN 166 BT K 3 4 5 9

Face goggles in heat and flame resistant material. Double lens, scratch resistant polycarbonate outside and acetate with anti-fog inside. Openable and adjustable elastic strap in flame-retardant material. Visor in polycarbonate, adjustable to four positions and with ventilation holes, effective against sources of heat.
Clear lens 2C-1,2 1 BT K.



EARMUFFS

STARK EARMUFFS FEATURE POLYURETHANE CUSHIONS WITH A LARGE CONTACT SURFACE. THE LARGE CUPS ENVELOPED IN SOFT POLYURETHANE PROVIDE SOFTNESS, COMFORT AND LOW PRESSURE ON THE FACE. ALL STARK EARMUFFS ARE ADJUSTABLE IN HEIGHT AND OFFER A WIDE RANGE OF OPTIONS FOR ANY SITUATION. SNR (SINGLE NUMBER RATING) IN DECIBEL; INDICATES THE AVERAGE VALUE OF NOISE ATTENUATION CALCULATED ACROSS ALL FREQUENCIES FROM 63 TO 4000 HZ.



FC1312

STARK 1

EN 352-1

Suitable for high noise level.
SNR 32.



FC1313

STARK 3

EN 352-1

Suitable for medium noise level. Foldable, can be stored in the pockets.
SNR 30.



FC1314

STARK 5

EN 352-1

Suitable for medium noise level, designed to fit large face shapes.
SNR 29.



FC1315

STARK 9

EN 352-1

Suitable for high noise level, even in the aviation industry. Moulded, wide steel headband, assures stability and long wear comfort.
SNR 32.



FC1311

CLARITY C1F

EN 352-1

Foldable. Pocket-sized earmuff, available with carrying case.
SNR 26.



Not in photo:

FC1413

Set of cushions and spare pads for Stark 3 earmuffs.

FC1414

Set of cushions and spare pads for Stark 9 earmuffs.

KOMBI EARMUFFS



FC1316

CLARITY EARMUFFS

EN 352-3

Helmet-mounted model, can be fitted on ABS 900, Mars, Everest and Cosmos. Also available with universal adaptor. Usable in three positions: work, standby and rest.

SNR 26.

FC1416

SET OF 10 CUSHION PAIRS

Spare cushions for article FC1316.



FB1127

FORESTIER SYSTEM

EN 1731 EN 352-3

Forestry system supplied with helmet adaptor. Compatible with ABS 900, Mars and Cosmos. Suitable to combine double face and hearing protection, through a light and flexible mesh visor and ear muffs.

SNR 26.



FC1317

MAX CLARITY EARMUFFS

EN 352-3

Available either with universal adaptor or attachments with ABS 900, Mars, Everest and Cosmos helmets. Excellent level of attenuation, among the highest of its class. Usable in three positions: work, standby, rest.

SNR 30.

FC1415

SET OF 10 CUSHION PAIRS

Spare cushions for article FC1317.



EXPANDABLE EAR PLUGS

GENERAL FEATURES

- THEY SHOULD BE ROLLED BETWEEN TWO FINGERS AND THEN INSERTED INTO THE EAR. THEY EXPAND AND REGAIN THEIR ORIGINAL SHAPE, ADAPTING TO ALL SHAPES OF THE EAR CANAL.
- GREATEST DEGREE OF NOISE ATTENUATION ON THE MARKET.
- PREFORMED EXPANDED POLYURETHANE FOAM MATERIAL.
- CONE-SHAPED, AIDING THE CORRECT INSERTION IN THE EAR CANAL.
- SLOW EXPANSION ENSURES PROPER FIT INSIDE THE EAR.
- HYGIENE GUARANTEED BY THE SINGLE PACKAGING IN POLYETHYLENE BAGS.
- SNR (SINGLE NUMBER RATING) IN DECIBEL; INDICATES THE AVERAGE VALUE OF NOISE ATTENUATION CALCULATED ACROSS ALL FREQUENCIES FROM 63 TO 4000 HZ.



FC1112

X-FLEX

EN 352-2

Box of 200 pairs in single polybag.
SNR 34.



FC1116

X-FLEX

EN 352-2

Corded version, box of 200 pairs in single polybag.
SNR 34.



FC1117

ULTRA

EN 352-2

Box of 200 pairs in single polybag.
SNR 37.

Not in photo:

FC1118

ULTRA

EN 352-2

Dispenser refill box with 200 pairs.
SNR 37.

FC1119

ULTRA

EN 352-2

Corded version, box of 200 pairs in single polybag.
SNR 37.



FC1120

KONUS

EN 352-2

Preformed polyurethane foam ear plugs. Suitable for low noise premises with hearing protection obligation. Box of 200 pairs.
SNR 20.



FC1411

Dispenser unit of 500 pairs.

Not in photo:

FC1114

X-FLEX

EN 352-2

Refill box of 200 pairs for dispenser.
SNR 34.



FC1111

MULTIMAX

EN 352-2

Pack of 200 pairs in single polybag.
Women's and men's size.
SNR 35.



FC1113

X-FLEX

EN 352-2

Pack of 10 pairs.
SNR 34.



FC1115

X-FLEX

EN 352-2

Pack of 50 pairs.
SNR 34.

REUSABLE EAR PLUGS



FC1211

QUIET

EN 352-2

In hypoallergenic compound.
Washable version. Pack of 50 pairs.
SNR 28.

FC1212

QUIET WITH CORD

EN 352-2

In hypoallergenic compound.
Washable version.
Pack of 50 pairs.
SNR 28.



FC1214

QB 3

EN 352-2

Polyurethane ear plugs fitted on moulded headband. Design prevents contact with the work surface.
Packs of 10 pairs.
SNR 23.



FC1215

BLU POWER

EN 352-2

Corded ear plugs in special hypoallergenic and washable compound. Pack of 200 pairs.
SNR 29.



FC1213

QB 1

EN 352-2

Hypoallergenic compound ear plugs fitted on moulded headband. Design prevents contact with the work surface.
Washable version. Pack of 10 pairs.
SNR 26.

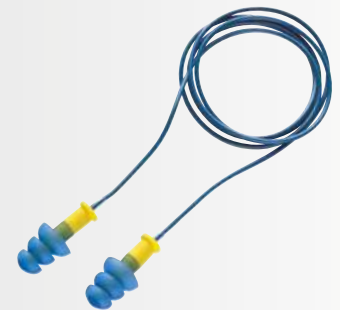


FC1217

ONDA

EN 352-2

Polyurethane ear plugs fitted on moulded headband. Design prevents contact with the work surface.
Pack of 40 pairs.
SNR 21.



FC1216

METAL FLEX

EN 352-2

Corded ear plugs in special hypoallergenic and washable compound. Suitable for food processing industry. Provided with metal-detectable cord and ear plugs. Pack of 200 pairs.
SNR 28.



SOKOI HARNESSES





FD1111
SOKOI 1

EN 361

- ATTACHMENTS:** 1 dorsal 'D' attachment for the fall arrest system.
ADAPTABILITY: adjustable chest belt and leg loops.
ADVANTAGES: chest strap holding the shoulder straps.
ERGONOMICS: thicker for extended use time.
MAXIMUM LOAD: 100 kg.



FD1112
SOKOI 2

EN 361

- ATTACHMENTS:** 1 dorsal 'D' attachment for the fall arrest system.
 2 sternal textile rings.
ADAPTABILITY: adjustable chest belt and leg loops.
ADVANTAGES: adjustable top and bottom; featuring dorsal and sternal attachment.
ERGONOMICS: thicker for extended use time.
MAXIMUM LOAD: 100 kg.



FD1113
SOKOI 3

EN 361

- ATTACHMENTS:** 2 chest 'D' attachments and 1 dorsal 'D' attachment for the fall arrest system.
ADAPTABILITY: adjustable shoulder straps and leg loops. Sliding frontal plate for chest strap adjustment.
ADVANTAGES: adjustable top and bottom.
ERGONOMICS: with integrated seat belt for increased worker's comfort.
MAXIMUM LOAD: 140 kg.



FD1114
SOKOI 4

EN 361 EN 358

- ATTACHMENTS:** 2 textile sternal attachments and 1 dorsal 'D' attachment for the fall arrest system. 2 lateral D-rings for work positioning.
ADAPTABILITY: adjustable shoulder straps, leg loops and waist belt.
ADVANTAGES: hooks and rings for attaching tools on the back. Totally adjustable harness.
ERGONOMICS: with integrated seat belt for increased worker's comfort.
MAXIMUM LOAD: 136 kg.



FD1115
SOKOI 8

EN 358

- ATTACHMENTS:** 2 lateral rings for work positioning. Hooks and rings for attaching tools.
ADAPTABILITY: totally adjustable.
ADVANTAGES: padding provides sufficient support for the body's lumbar part.
MAXIMUM LOAD: 100 kg.

01 DORSAL ATTACHMENT

for the fall arrest system

02 SHOULDER ATTACHMENTS

with adjustment

03 'A' OR 'A/2' LABEL

indicates the attachment points of the fall arrest system

04 LABELS WITH MARKING

enclosed in a durable polyethylene bag to prevent the marking from fading

05 PADDED WAISTBELT

increases support and comfort

06 SIDE 'D' RINGS

to attach positioning lanyards

07 FRONT ATTACHMENTS

all textile eyelets of the safety harness are covered with a textile reinforcement

08 CHEST STRAP

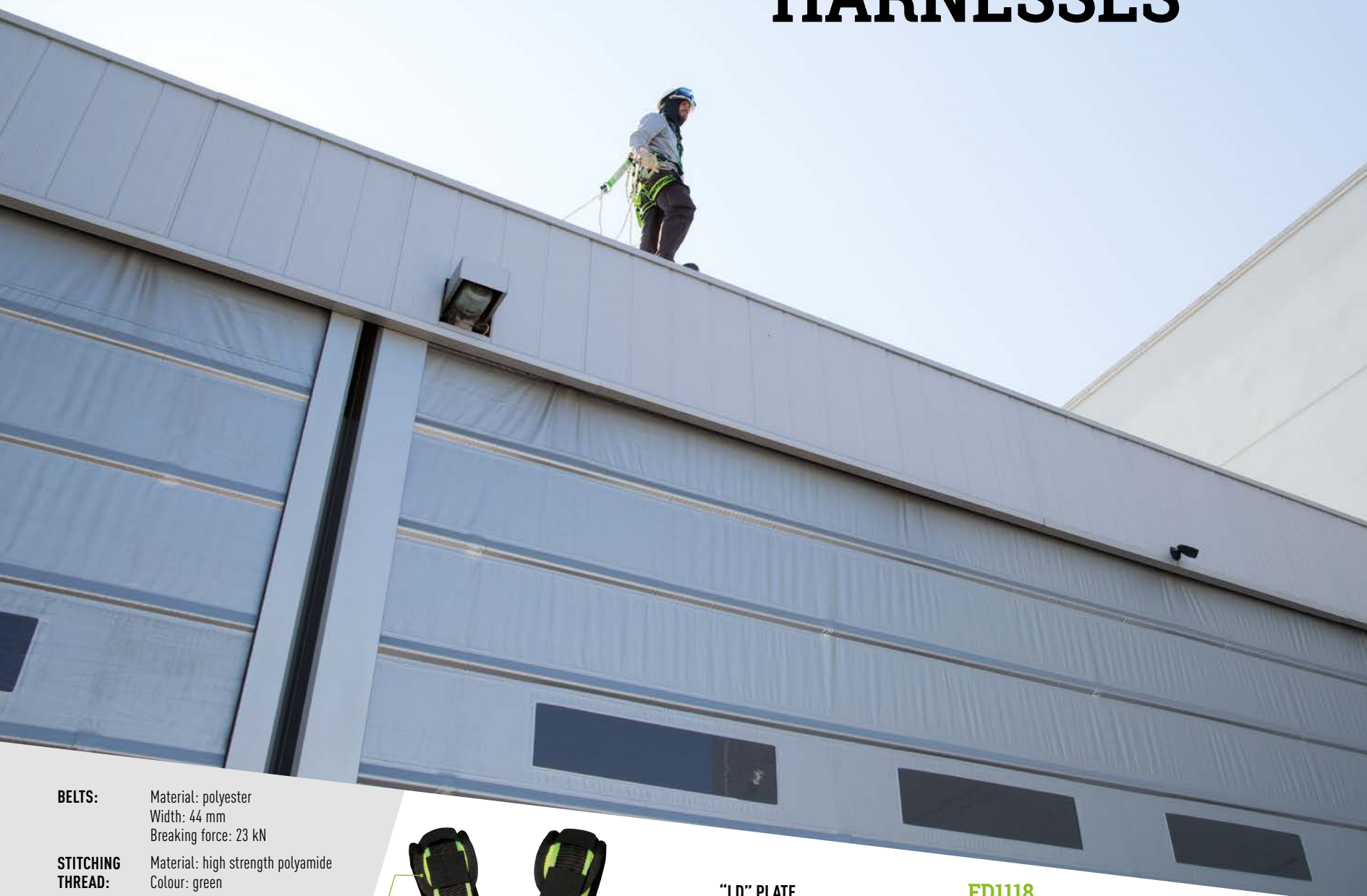
fitted with single sliding buckle to allow the wearer to secure the strap in the desired position

09 SLIDERS

the ends of the straps are locked by plastic clips



STRATOS HARNESSES



BELTS: Material: polyester
Width: 44 mm
Breaking force: 23 kN

**STITCHING
THREAD:** Material: high strength polyamide
Colour: green

STATIC FORCE: 15 kN for 3 minutes per every
attaching element



ELASTIC LOOPS
SPECIALLY DESIGNED TO RETAIN THE
EXCESS STRAP ENDS

AUTOMATIC BUCKLES

HOOKS
ON BOTH SIDES, TO PLACE LANYARDS
NOT IN USE

VENTRAL D-RING
FOR ROPE ACCESS, RESCUE AND
OTHER APPLICATIONS, MAKING THE
HARNES MULTI-PURPOSE

**SHOULDER STRAPS
AND LEG LOOPS**
FULLY PADDED, WITH QUICK-ATTACH
BUCKLES. THE PADDING ENSURES
BETTER SHOCK ABSORPTION

"I D" PLATE
BACK PLATE ENCLOSING 2
CROSSING DORSAL WEBBING
STRAPS. KEEPS THE D-RING
IN PLACE, EVEN AFTER A FALL

FRONT ATTACHMENT
UPPER STERNAL D-RING
ERGONOMICALLY PLACED, TO BE USED
AS FRONTAL ANCHOR POINT FOR FALL
PROTECTION

POSITIONING BELT
FULLY PADDED, WITH LATERAL
D-RINGS FOR EXTRA COMFORT
WHILE WORKING. FEATURES A
BACK ATTACHMENT FOR OTHER
ACCESSORIES

ADJUSTMENT SLIDES
EASY TO USE, EVEN WITH
ONE HAND

FD1118 STRATOS 3

EN 361 EN 358 EN 813

Fall arrest and work positioning harness with sternal attachment.

ATTACHMENTS: 1 dorsal 'D' attachment and 1 front/ chest 'D' attachment; 1 ventral 'D' attachment, waist height, on front for rope access, and 2 lateral 'D' rings for work positioning.

ADAPTABILITY: fully adjustable shoulder straps, legs loops and waist belt.

ADVANTAGES: padded shoulder straps, waistbelt and leg loops. The shoulder straps and leg loops are fitted with automatic quick-attach buckles. 2 tool rings and one larger extra ring on the back for carabiners and accessories. Hooks inserted on shoulder straps to set single lanyards.

ERGONOMICS: stretching straps for prolonged comfort. Specially padded straps for better shock absorption and greater user comfort.

WEIGHT: 2.40 kg

MAXIMUM LOAD: 140 kg

FD1116
STRATOS 1

EN 361

ATTACHMENTS: 1 dorsal 'D' attachment for the fall arrest system. 2 textile chest loops.

ADAPTABILITY: fully adjustable shoulder straps, legs loops and chest strap.

ADVANTAGES: fully padded shoulder straps and leg loops for greater user comfort. Leg loops are fitted with automatic quick-attach buckles. Hooks inserted on shoulder straps to place single lanyards.

ERGONOMICS: padded straps for better fall shock absorption and greater user comfort.

WEIGHT: 1.68 kg

MAXIMUM LOAD: 140 kg



FD1117
STRATOS 2

EN 361 EN 358

ATTACHMENTS: 1 dorsal 'D' attachment. 2 textile chest loops. 2 lateral 'D' rings, waist height, for work positioning.

ADAPTABILITY: fully adjustable and padded shoulder straps and legs loops. Padded and adjustable waist belt with quick-attach buckle.

ADVANTAGES: the shoulder straps and leg loops are fitted with automatic quick-attach buckles. 2 back rings for attaching tools. Hooks inserted on shoulder straps to place single lanyards.

ERGONOMICS: sitting belt specially designed for prolonged comfort. Padded harness straps for better fall shock absorption and greater user comfort.

WEIGHT: 2.20 kg

MAXIMUM LOAD: 140 kg



KOMBI HARNESSSES



FD1120
PRATIK VEST HARNESS ORANGE

EN 361

Two-point fall arrest harness, with permanently integrated high visibility orange vest. Fitted with one dorsal "D" attachment and sternal attachment consisting of two textile buckles for the fall arrest system. Front closure with quick-attach buckle, vest fastened with zipper, double reflective band on waist and two tridimensional side pockets with flaps. One size fits all.

FD1119 Yellow



FD1121
PRATIK VEST HARNESS GREY

EN 361

Two-point fall arrest harness, with permanently integrated multi-pocket vest. Fitted with one dorsal "D" attachment and sternal attachment consisting of two textile buckles for the fall arrest system, front closure with quick-attach buckle, vest fastened with zipper, two tridimensional side pockets with flaps and two with zipper. Ergonomic model with adjustable shoulder straps and leg loops. One size fits all.





FALL ARREST DEVICES



FD1212
STOPPER 15 M

EN 360

Fall arrest device with retractable cable. Length 15 m.

APPLICATIONS: ideal for vertical tasks in dangerous positions. Allowed user weight up to 140 kg.

IMPACT FORCE: reduces fall arrest force to less than 6 kN.

LANYARD: in galvanized stainless steel, 4,5 mm.

STRUCTURE: impact resistant, steel-reinforced polymer.

FD1211
STOPPER 7,5 M

EN 360

Fall arrest device with retractable cable. Length 7.5 m.

APPLICATIONS: ideal for vertical tasks in dangerous positions. Allowed user weight up to 140 kg.

IMPACT FORCE: reduces fall arrest force to less than 6 kN.

LANYARD: in galvanized stainless steel, 4,5 mm.

STRUCTURE: impact resistant, steel-reinforced polymer.

FD1214
STOPPER 7 M

EN 360

Fall arrest device with high strength retractable cable in Kevlar® material. Length 7 m.

Not in photo:

FD1213
STOPPER 30 M

EN 360

Retractable cable fall arrest device. Length 30 m.

FD1215
TWIN STOPPER 2 M

EN 360

Fall arrest device with double retractable cable. Length 2 m.



FD1311
BLOCK WITH ROPE

EN 353-2

Fall arrest device with 15 m rope, thickness 14 mm. Fitted with standard carabiner as anchor point. Double safety fall arrest system.



FD1312
BLOCK WITH ENERGY ABSORBER

EN 353-2

Fall arrester with energy absorber. Fitted with energy absorber and Standard carabiner as anchor point. Comes with a 15 m, 14 mm thick rope. Double safety fall arrest system.



FD1313
BLOCK WITH ENERGY ABSORBER AND KERNMANTEL ROPE

EN 353-2

Automatic guided-type fall arrest device. Equipped with energy absorber and Ciber carabiner as anchor point, 12 mm Kernmantel 15 metre rope and Anapurna carabiner permanently fitted on the rope.



FD1216
MAXI EAGLE

EN 360

Retractable webbing fall arrester. Retractable lanyard, 5 cm wide. Maximum length 2.50 m. With protective structure in polymer. Equipped with energy absorber and carabiner.



ENERGY ABSORBERS

THE ENERGY ABSORBER CONSISTS OF 44 MM WIDE WEBBING, FULLY FOLDED AND ENCASED IN A PLASTIC CASING. IN THE EVENT OF A FALL, THE WEBBING INSIDE THE CASING STRETCHES AUTOMATICALLY THEREBY REDUCING THE IMPACT FORCE TRANSMITTED TO THE USER TO LESS THAN 6 KN. CONFORMS TO EN 355. SIR OFFERS A WIDE RANGE OF ENERGY ABSORBING WEBBINGS AND LANYARDS, IN SEVERAL LENGTHS AND WITH DIFFERENT HOOKS AT THE ENDS.





FD1414
FORKED TWISTED ROPE LANYARD ENERGY ABSORBER

EN 355

11 mm Kernmantel rope. 2 m long. Fitted with 1 Standard and 2 Montblanc carabiners at the end.



FD1415
FORKED TWISTED ROPE LANYARD ENERGY ABSORBER

EN 355

12 mm diameter triple twisted polyamide rope. 2 m long. 1 Standard and 2 Montblanc carabiners at the end.



FD1416
FORKED TWISTED ROPE LANYARD ENERGY ABSORBER

EN 355

12 mm diameter triple twisted polyamide rope. 2 m long. 1 Standard and 2 Anapurna carabiners at the end.

ENERGY ABSORBING DOUBLE TWISTED ROPE LANYARDS EN 355

FD1413

1 Standard carabiner and 1 Maxitube carabiner length 2 m



FD1417

2 Standard carabiners length 1.8 m



FD1418

2 Anapurna carabiners length 2 m



FD1419

1 Standard carabiner and 1 Anapurna carabiner length 2 m



FD1420

1 Anapurna carabiner and 1 Montblanc carabiner length 2 m



FD1421

1 Anapurna carabiner and 1 Gripmax 140 mm grip length 2 m



FD1426

1 Standard carabiner and 1 Gripmax 140 mm grip length 2 m



ENERGY ABSORBERS ON KERNMANTEL ROPE LANYARDS EN 355

FD1422

2 side loops length 2 m



FD1423

1 side loop and 1 Standard carabiner length 2 m



FD1424

1 side loop and 1 Anapurna carabiner length 2 m



FD1425

1 side loop and 1 Montblanc carabiner length 1 m



FD1412
FORKED WEBBING LANYARD WITH SHOCK ABSORBER

EN 355

44 mm lanyard, length 1 m. Fitted with 1 Standard and 2 Montblanc carabiners at the end.

FD1411

ENERGY ABSORBING WEBBING LANYARD

EN 355

44 mm lanyard, length 2 m. 2 Standard carabiners at the ends.



FD1427
ELASTICATED WEBBING LANYARD WITH ENERGY ABSORBER

EN 355

44 mm expandable elasticated webbing lanyard, with energy absorber. Max length: 2 m. Min length: 1.4 m.



FD1428

FORKED ELASTICATED WEBBING LANYARD WITH ENERGY ABSORBER

EN 355

44 mm expandable elasticated webbing lanyard, with energy absorber. Max length: 2 m. Min length: 1.4 m. 1 Standard carabiner and 2 Montblanc carabiners.



WORK POSITIONING SYSTEMS

POLYAMIDE TRIPLE TWISTED ROPE LANYARDS EN 354

FD1520	2 side loops Length 1.80 m	
FD1519	2 side loops Length 1m	
FD1546	1 side loop and 1 Standard carabiner Length 2 m	
FD1517	2 Standard carabiners Length 2 m	
FD1547	1 side loop and 1 Anapurna carabiner Length 2 m	
FD1548	2 Anapurna carabiners Length 2 m	
FD1549	1 side loop and 1 Montblanc carabiner Length 2 m	
FD1513	1 Standard carabiner and 1 Anapurna carabiner Length 2 m	
FD1545	1 Standard carabiner and 1 Montblanc carabiner Length 2 m	
FD1550	1 Standard carabiner and 2 Montblanc carabiners Length 2 m	
FD1514	1 Anapurna carabiner and 1 Montblanc carabiner Length 2 m	



FD1515
2 M ADJUSTABLE LANYARD

EN 358

Triple twisted 1 to 2 m adjustable lanyard, in polyamide; diameter 14 mm, with side loops.



FD1524
WORK POSITIONING LANYARD

EN 358

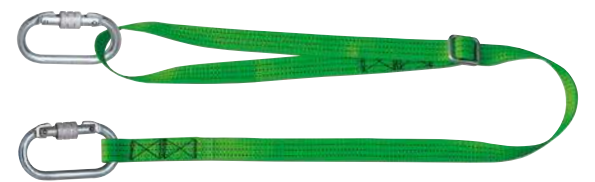
Fitted with polyamide triple twisted rope, diameter 14 mm, 2 m long. With 2 Standard carabiners.



FD1532
FORKED WEBBING LANYARD WITH THREE CARABINERS

EN 354

30 mm webbing, 1 Standard carabiner and 2 Maxitube carabiners. Length 1 m.



FD1516
2 M ADJUSTABLE WEBBING

EN 358

33 mm, 1 to 2 m adjustable polyester webbing, with 2 Standard carabiners.



FD1525
GRIP DESCENDER

EN 341 EN 12841

Friction grip descender. The 10 m rope is connected to a fixed point; the harnessed worker attaches their harness to the descender, and then lowers himself to the ground by means of the adjustable-speed friction grip descender. Rope diameter 10.5 mm.



FD1522
10 M ROPE

Polyamide triple twisted rope, diameter 15 mm, with side loops.



FD1543
TIE

EN 795

Anchorage point webbing sling in polyester.



FD1521
20 M ROPE SECTION

In Kernmantel, 12 mm diameter.

NOT IN PHOTO:

FD1523
20 M ROPE

Polyamide triple twisted rope, diameter 15 mm, with side loops.

KERNMANTEL ROPE LANYARDS 2 M EN 354

FD1511	2 side loops	
FD1512	1 side loop and 1 Standard carabiner	
FD1526	2 Standard carabiners	
FD1528	1 side loop and 1 Anapurna carabiner	
FD1529	2 Anapurna carabiners	
FD1530	1 side loop and 1 Montblanc carabiner	
FD1544	1 Standard carabiner and 1 Anapurna carabiner	
FD1533	1 Standard carabiner and 1 Montblanc carabiner	
FD1534	1 Standard carabiner and 2 Montblanc carabiners	
FD1535	1 Anapurna carabiner and 1 Montblanc carabiner	

WEBBING LANYARDS 2 M/30 MM EN 354

FD1551	2 side loops	
FD1552	1 side loop and 1 Standard carabiner	
FD1553	2 Standard carabiners	
FD1554	1 side loop and 1 Anapurna carabiner	
FD1555	2 Anapurna carabiners	
FD1556	1 side loop and 1 Montblanc carabiner	
FD1557	1 Standard carabiner and 1 Anapurna carabiner	
FD1558	1 Standard carabiner and 1 Montblanc carabiner	
FD1559	1 Anapurna carabiner and 1 Montblanc carabiner	





WORK POSITIONING SYSTEMS



FD2012
TOOL-CARRYING BAG

Made of washable Nylon material, semi-rigid bottom, upper drawstring closure. Fitted with two shoulder straps.



MC4912
RIGID ALUMINIUM TOOL CASE

Dimensions 55 x 38 x 19 cm, with lock.



FD2011
SAFETY NET

EN 1263-1 EN 1263-2

Made in polypropylene. Mesh size 100x100 mm, thread diameter 6 mm. It comes with perimeter rope, diameter 13 mm. Indispensable on construction sites for roofing and truss assembly. Different sizes available upon request.

FD1217
TRIPOD STRUCTURE

EN 795

Telescopic, tubular aluminium structure with 3 ground standing points. Essential for descent operations into wells or holes otherwise inaccessible. The Tripod system features a 20 m winch for lifting or lowering a person up to a weight of 500 Kg. The wire-ending is fitted with a carabiner which must be connected to harnesses with dorsal and sternal attachment points. The Tripod is ideal for the maintenance and inspections of wells, sewers, lifts, etc.; moreover it allows workers who have fainted or are injured to be rescued.

Cable diameter: 4.5 mm.
Static force: 16 kN for 3 min.
Maximum height: 2.15 m.
Minimum height: 1.15 m.



FD1611
STANDARD CARABINER

EN 362

Steel carabiner, 18 mm gate opening opening and screw locking. Minimum breaking strength: 25 kN.



FD1626
BOZE CARABINER

EN 362

Steel carabiner, 16 mm gate opening and double safety locking. Minimum breaking strength: 25 kN.



FD1620
GRIPMAX GRIP 75 MM

EN 362

Stainless steel Gripmax grip, suitable for anchorage to pipe scaffolding, gate opening 75 mm. Minimum breaking strength: 20 kN.



FD1612
CLASSIQUE CARABINER

EN 362 EN 12275

Aluminium carabiner, 22 mm gate opening, screw locking. Minimum breaking strength: 23 kN.



FD1617
ANAPURNA SNAP HOOK

EN 362

Steel carabiner, 16 mm gate opening; double action lock. Minimum breaking strength: 23 kN.



FD1621
MAXI HOOK CARABINER

EN 362

Steel carabiner with 85 mm gate opening. Minimum breaking strength: 23 kN.



FD1613
BERG CARABINER

EN 362 EN 12275

Aluminium carabiner, 21 mm gate opening, triple-action locking. Minimum breaking strength: 23 kN.



FD1618
CIBER CARABINER

EN 362

Steel carabiner, 22 mm gate opening and triple safety lock. Minimum breaking strength: 40 kN.



FD1622
GLAM SWIVEL SNAP HOOK WITH LOAD INDICATOR

EN 362

Steel carabiner, 12 mm gate opening; the indicator band is green when the carabiner has not suffered a fall. In the event of a fall, the indicator colour changes to red and thereby serving as a warning before subsequent use. Minimum breaking strength: 23 kN.



FD1614
MONTBLANC CARABINER

EN 362

Steel carabiner with 50 mm gate opening. Minimum breaking strength: 23 kN.



FD1619
MAXITUBE CARABINER

EN 362 EN 12275

Aluminium carabiner, 60 mm gate opening. Minimum breaking strength: 22 kN.



FD1623
GRIPMAX GRIP 140 MM

EN 362

Stainless steel Gripmax grip, suitable for anchorage to pipe scaffolding, opening 140 mm. Minimum breaking strength: 20 kN.



FD1615
SIMPLEX CARABINER

EN 362 EN 12275

Aluminium carabiner, chrome-plated, 21 mm gate opening, automatic closure and double safety lock. Minimum breaking strength: 23 kN.



MOBILE ANCHORING DEVICES

MOBILE ANCHORING DEVICES ARE ESSENTIAL

WHEN ASSEMBLING AND DISASSEMBLING SCAFFOLDING, WHEN LAYING ROOFS OF BUILDINGS OR IN OTHER TASKS WHERE RAILING IS TEMPORARILY MISSING, THE USE OF LIFELINES IS ESSENTIAL.

USING THE ANCHOR ON TWO FIXED POINTS AT A MAXIMUM DISTANCE OF 20 M, A LIFELINE MAKES NORMAL WORKING OPERATIONS POSSIBLE BY CONNECTING UP TO TWO WORKERS, EQUIPPED WITH SAFETY HARNESES, WHO FREELY SLIDE ALONG THE WEBBING BY MEANS OF A LANYARD WITH SNAP HOOK.



FD1811

MOBILE ANCHORING DEVICE KIT

Designed for easy installation and removal, the kit is equipped with the proper turnbuckle allowing for easy tensioning and mounting to any suitable anchor point (from 2000 daN). The device is intended to be used by 2 people at once.

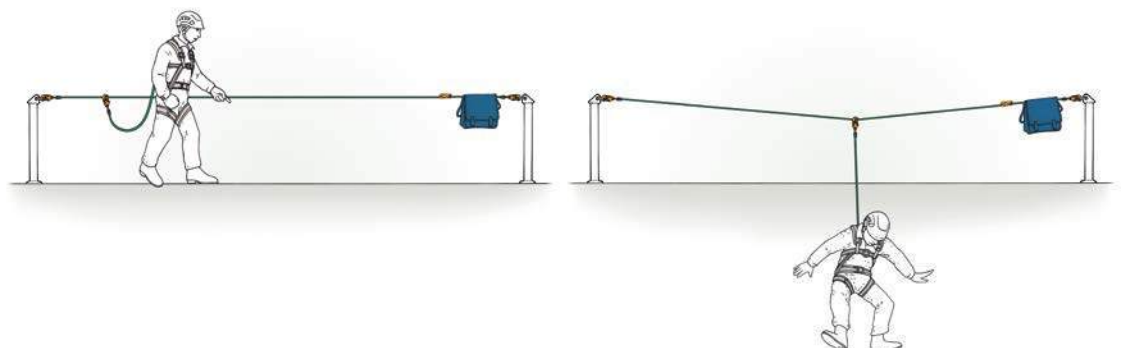
Maximum deflection in the event of a fall: 2 metres (with 2 users).

The kit includes:

- a handy and resistant bag with closing buckle;
- a 35 mm wide polyester webbing duly rolled up (maximum length 20 m);
- a ratchet turnbuckle;
- two anchorage webbing slings (1 m) with rings;
- two positioning lanyards art. FD1429;
- two fall arrest harnesses art. FD1113.

FD1812 Webbing and anchorage slings only

EN 795



KIT FOR WORK AT HEIGHT

FD1711

CLIMBING PROTECTION KIT

SIR Climbing Protection Kit offers complete fall protection for climbing up pylons safely.

Includes:

- "Stratos 3" harness with 1 "D" dorsal attachment, 2 "D" frontal attachments and 2 "D" lateral attachments EN 361-358-813;
- Forked elasticated webbing lanyard with energy absorber, comes with 2 "Montblanc" carabiner + 1 "Standard" carabiner - EN 355;
- Everest HDPE helmet with internal textile 6-point harness and 4-point chinstrap adjustment - EN 397 EN 50365;
- Water-repellent and washable carrying bag.



FD1712

ROOFING KIT

SIR roofing kit offers complete fall protection suited for various applications when working on roofs.

Includes:

- Light "Sokoi 2" harness with 1 "D" dorsal attachment and 2 frontal textile attachments - EN 361;
- "Block" device with energy absorber and "Ciber" triple locking carabiner + Kernmantel high resistance 15 m rope (Ø 12 mm) with "Anapurna" carabiner - EN 353-2;
- Water-repellent and washable carrying bag.



FD1713

CONSTRUCTION & GENERAL MAINTENANCE KIT

SIR Construction & General Maintenance Kit offers complete fall protection suited for many construction works.

Includes:

- Light "Sokoi 1" harness with 1 "D" dorsal attachment - EN 361;
- Triple twisted rope lanyard adjustable from 1 to 2 m (Ø 14 mm) with side loops - EN 358;
- 2 "Standard" carabiners - EN 362;
- Water-repellent and washable carrying bag.



ROPE ACCESS AND CONFINED SPACE KIT - PETZL

KIT TO ACCESS THE WORK SITE WHEN COLLECTIVE PROTECTIONS CANNOT BE USED (I.E. LIFELINES, PROTECTIVE NETS, BASKETS, GUARDRAILS, SCAFFOLDING, ETC.), ESPECIALLY WHEN WORKING ON OVERHANGING STRUCTURES OR ROCK, WHEN THE ACCESS SITUATIONS OR WORKSITES DO NOT ALLOW FOR EXTERNAL EQUIPMENT (BASKETS, MOBILE CRANES ETC.) TO BE USED AND WHERE IT IS NOT PRACTICAL TO SET UP COLLECTIVE PROTECTION. THE WORKER AT HEIGHT ACCESSES THE SITE WITH ROPES FROM THE TOP (SAFER AND SIMPLER TO SET UP, THIS IS THE TECHNIQUE TO CHOOSE), OR FROM BELOW. ONCE THE LEADER HAS INSTALLED ALL THE PROGRESSION AND SAFETY ROPES, THE OTHER WORKERS CAN SAFELY CLIMB UP THESE ROPES. THE KIT CAN ALSO BE USED FOR TASKS CARRIED OUT IN CONFINED SPACES, WHEN THERE IS NO MEANS OF AUTONOMOUS PROGRESSION. CONFINED SPACES ARE GENERALLY ACCESSED FROM THE TOP. THE WORKER'S SAFETY IS ENSURED BY A REVERSIBLE HAULING SYSTEM, WHICH IS INDEPENDENT AND RELIABLE, ALLOWING FOR QUICK EVACUATION IN CASE OF AN ACCIDENT. SOMEONE WORKING IN THIS TYPE OF ENVIRONMENT MUST HAVE ASSISTANCE.





VERTEX HELMET

EN 397 EN 50365

Textile six-point harness for maximum comfort. Adjustable-strength chinstrap suitable for work at height or on the ground. The outer shell protects from electrical hazards, molten metal projections and flames.

FD2144 Yellow

FD2145 White

FD2146 Red

FD2147 Orange

FD2148 Black

FD2149 Blue



FD2111 ASAP MOBILE FALL ARREST DEVICE FOR ROPE

EN 353-2 EN 12841

Moves freely along the rope and stops a fall, a slide or uncontrolled descent. Comes with the OK TL carabiner to be installed on the safety rope.



FD2114 FOOTCORD

Adjustable webbing foot loop, to be attached to the Ascension rope clamp for rope ascents.



FD2112 ASAP'SORBER 20 CM ENERGY ABSORBER

EN 355

Designed to connect the ASAP mobile fall arrester to a harness. It allows the user to move the rope away to free up the work area.



FD2120 AXIS 11 MM ROPE

EN 1891

Semi-static rope, 11 mm diameter, available in other colours to easily identify work rope and safety rope. Length: 100 m, yellow-black.



AVAO BOD FAST HARNESS

EN 361 EN 358 EN 813

Work positioning and fall arrest harness for work on rope. Sternal and dorsal attachment points for connecting a fall arrest system; ventral and two lateral attachment points for optimal weight distribution.

FD2163 Sizes XXS-S

FD2164 Sizes S-L

FD2165 Sizes L-XXL



FD2113 ASCENSION

EN 567 EN 12841

Rope clamp designed for rope ascents; toothed cam. For single ropes between 8 and 13 mm in diameter.



FD2117 GRILLON HOOK ADJUSTABLE LANYARD 2 M

EN 358 EN 795 EN 12841

Lanyard with fine adjustment system, with HOOK connector, to allow for precise work positioning. Must be used doubled on the harness lateral attachment points for an even weight distribution.

FD2121 AXIS 11 MM ROPE

EN 1891

Semi-static rope, 11 mm diameter, available in other colours to easily identify work rope and safety rope. Length: 100 m, white-black.



FD2116 "I'D S" SELF-BRAKING RESETTING DESCENDER

EN 341 CLASS 2 EN 12841 EN 15151-1

Self-braking descender with anti-panic function and anti-error safety cam with multi-functional handle to control the descent.



FD2118 "OK TL" CARABINER

EN 362 EN 12275 UIAA 121

Carabiner to be used on one side of the GRILLON HOOK and to connect the ASAP'SORBER to the harness and to connect the I'D to the suspension point of the AVAO harness.



FD2134 SPATHA

The SPATHA knife with carabiner hole is designed to accompany the worker at height; the smooth and serrated blade allows ropes and lanyards to be cut easily. It has a carabiner hole for attaching the knife to the harness. It is easy to handle with its textured wheel, even when wearing gloves, and can be locked in the open position. Stainless steel blade for improved durability.



FRAMING AND ROOFING KIT - PETZL



STRATO HELMET

EN 397 EN 50365 EN 12492

Lightweight helmet suitable for work at a height or on the ground thanks to the adjustable-strength chinstrap. The closed outer shell protects from electrical hazards, molten metal and flames.

FD2159 White

FD2160 Red

FD2161 Black

FD2162 Yellow



FD2133

VIZIR VISOR

EN 166 1BT

The VIZIR visor ensures protection of the eyes by perfectly adapting to VERTEX and STRATO helmets. Easy to install thanks to the pre-formed inserts, with anti-scratch and anti-fog treatment.

HELMET, FALL ARREST HARNESS, LIFELINE ROPE, ENERGY ABSORBER AND MOBILE FALL ARREST DEVICE ALLOW THE WORKER TO PERFORM SAFELY ON ROOFS. BEFORE LANDING ON THE ROOF, IT IS NECESSARY TO INSTALL ONE'S OWN FALL ARREST SAFETY SYSTEM.



NEWTON EASY FIT HARNESS

EN 361

Fall arrest harness with integrated vest. Sternal and dorsal attachments.

FD2150 Sizes XXS-S

FD2151 Sizes S-L

FD2152 Sizes L-XXL



FD2129 ANNEAU 60 CM

EN 795 EN 566

Sewn webbing sling to ensure temporary anchor points on roofs, metal structures, cranes, etc. Length: 60 cm, weight 60 grams. The webbing is available in three lengths to adapt to each structure type:

FD2130 Length 80 cm weight 80 g

FD2131 Length 120 cm weight 100 g

FD2132 Length 150 cm weight 135 g



FD2142 COEUR PULSE

EN 795

Removable anchor. It may be installed and removed very easily and quickly, with no tools, in order to be reused. The blocking function reduces the risk of accidental extraction.



FD2112 ASAP'SORBER 20 CM ENERGY ABSORBER

EN 355

Designed to connect the ASAP mobile fall arrester to a harness. It allows the user to move the rope away to free up the work area.



FD2117 GRILLON HOOK ADJUSTABLE LANYARD 2 M

EN 358 EN 795 EN 12841

Lanyard with progressive adjustment system, with HOOK connector, to allow for precise work positioning. Must be used doubled on the harness lateral attachment points for an even weight distribution.



FD2118 "OK TL" CARABINER

EN 362 EN 12275 UIAA 121

Oval and symmetrical shaped carabiner to be positioned on wide section devices such as pulley blocks, auto-locking and fall arrest devices.



FD2158 MGO OPEN 60 DIRECTIONAL CONNECTOR

EN 362

Auto-locking directional connector with large gate opening for connection to metal structures or to large-diameter cables and bars. It has a gated connection point for attachment to different types of lanyards.



FD2153 ASAP LOCK MOBILE FALL ARREST DEVICE FOR ROPE

EN 353-2 EN 12841

Moves freely along the rope and stops a fall, a slide or uncontrolled descent. The connection arm makes the system drop-resistant when passing intermediate anchors.



FD2141 "AM'D" CARABINER

EN 362 EN 12275 UIAA 121

It has a D shape particularly suited for connection to diverse equipment such as descenders or positioning lanyards. Available in two locking systems: automatic TRIACT-LOCK or BALL-LOCK.



FD2156 ABSORBICA-Y

EN 355 EN 354

Double lanyard with energy absorber, designed for continuous protection when passing intermediate anchor points. Length: 150 cm without connectors.

FD2154 Length 80 cm without connectors

FD2155 Length 105 cm with MGO connectors
EN 362

FD2157 Length 175 cm with MGO connectors
EN 362



FD2128 60 M AXIS 11 MM ROPE

EN 1891

Semi-static rope with sewn termination with protective sheath to keep the connector in the right position and to facilitate manipulation. Also available in lengths from 10 to 50 m.



FD2123 BUCKET TOOL-CARRYING BAG

Fabric bag with two large, comfortable carrying handles and an adjustable shoulder strap. Coated fabric bottom for extra durability. Volume: 25 litres, weight 575 g.



PETZL PROFESSIONAL HEADLAMPS



PETZL[®]



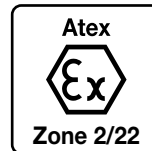
FD2143
DUO Z1 LAMP

Front lamp with maximum power 360 lumen. Multi-purpose. It features four lighting modes, making it adaptable to every situation: close-range work, proximity, movement and long-range vision. FACE2FACE anti-glare function. It can be worn on Vertex and Strato helmets, thanks to the included mounting plates.



FD2135
PIXA 3 HEADLAMP

Multi-beam headlamp suitable for close-range work, for moving around and for long-range vision. Headlamp keeps the hands free for work: may be worn on the head with the headband, mounted on a helmet, or placed on the ground. Three lighting modes:
 1. a mode suitable for close-range work: wide, uniform beam, lights to 15 metres for 26 hours (20 lumen);
 2. a mode suitable for movement: mixed beam, lights to 45 metres for 6 hours (60 lumen);
 3. a mode suitable for long-range work: highly focused beam, lights up to 90 metres for 3 hours (100 lumen).
 Excellent resistance to falls (two metres), to impacts and to crushing (80 kg). Waterproof down to -1 m for 30 minutes. Resistant to chemicals. Weight (with batteries): 160 g. 3-year guarantee.



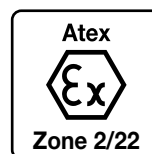
FD2136
PIXA 2 HEADLAMP

Headlamp with mixed beam. Two lighting modes:
 1. a mode suitable for close-range work: lights to 25 metres for 26 hours (20 lumen);
 2. a mode suitable for movement: mixed beam, lights to 55 metres for 3 and a half hours (80 lumen).
 Excellent resistance to falls (two metres), to impacts and to crushing (80 kg).
 Waterproof down to -1 m for 30 minutes. Resistant to chemicals. Weight (with batteries): 160 g. 3-year guarantee.



FD2137
PIXA 1 HEADLAMP

Headlamp with wide, uniform light beam. Two lighting modes:
 1. a weak mode suitable for close-range work: lights to 10 metres for 16 hours (20 lumen);
 2. strong mode suitable for movement, lights up to 15 metres for 3 and a half hours (60 lumen).
 Constant lighting, brightness does not decrease gradually during its entire lifetime. Excellent resistance to falls (two metres), to impacts and to crushing (80 kg).
 Waterproof down to -1 m for 30 minutes. Resistant to chemicals. Weight (with batteries): 160 g. 3-year guarantee.





EMERGENCY SHOWERS

SIR EMERGENCY SHOWERS AND EYE WASHES FEATURE A GREAT WATER FLOW, COMBINED WITH A DELICATE JET WHICH, IN THE EVENT OF ACCIDENTAL CONTAMINATION WITH ACID OR CORROSIVE CHEMICALS, ENSURE IMMEDIATE AND SAFE WASHING.



FH1105
COMBINED SHOWER AND EYEWASH STATION

Operated by a rigid pull handle; aerated flow eyewash operated by push knob or pedal.



FH1101
WALL MOUNTED EYEWASH

Eyewash with aerated flow eyewash operated by manual side-push closure valve. ABS bowl. Wall mounted.



FH1102
FREE-STANDING EYEWASH

Eyewash with aerated flow complete with manual side-push closure valve or chain pedal; ABS bowl. Free standing.



FH1103
EYE AND FACE WASH

Eyewash with adjustable aerated flow through integrated device according to standard. It features a sturdy structure that combines a painted brass body and plastic material. Soft rubber eyewash cap with dust cap. Wall mounted with 1.5 m flexible stainless steel hose and fixing support.



FH1104
PORTABLE EYE AND FACE WASH UNIT

Portable stainless steel unit, capacity 18 litres in 15 litres of drinking water loaded with pressurised air at 6 bar. The drum features an individual jet, aerated eye wash and flexible hose, pressure gauge and relief valve in case of overload.



FH1106
WALL MOUNTED SHOWER

Shower with showerhead complete with manual closure valve. Operated by rigid pull triangular handle. Wall mounted.

Not in photo:

FH1107
CONCENTRATED SALINE SOLUTION FOR FH1104

Additive concentrated saline solution in 60 ml bottle, to be diluted in 24 litres of drinking water. 4-bottle pack.



FIRST AID EQUIPMENT

FH1213 MEDIBAG 1

First aid case in impact resistant polypropylene. Fitted with wall attachment plate and handle for easy carrying. Supplied with first aid items required by It. M.D. 388 15/7/03 attachment 2 and It. L.D. 81 9/4/08 art. 45. Suitable for premises up to two employees. Dimensions: 25 x 19 x 9 cm.

Not in photo:

FH1218 SUPPLIES FOR MEDIBAG 1



FH1214 MEDIBAG 1 FOR FOOD PROCESSING COMPANIES

The contents can be used as part of the HACCP system.

NOT IN PHOTO:

FH1219 SUPPLIES FOR MEDIBAG 1 FOR FOOD PROCESSING COMPANIES

FH1216 MEDIBAG 2 FOR FOOD PROCESSING COMPANIES

The contents can be used as part of the HACCP system.

NOT IN PHOTO:

FH1222 SUPPLIES FOR MEDIBAG 2 FOR FOOD PROCESSING COMPANIES

FH1215 MEDIBAG 2

First aid case in impact resistant polypropylene. Fitted with wall attachment plate and handle for easy carrying. Supplied with first aid items required by It. M.D. 388 15/7/03 attachment 1 and It. L.D. 81 9/4/08 art. 45. Suitable for premises with three or more employees. Dimensions: 39.5 x 13.5 x 27 cm.

NOT IN PHOTO:

FH1221 SUPPLIES FOR MEDIBAG 2 WITHOUT SPHYGMOMANOMETER

FH1225 SUPPLIES FOR MEDIBAG 2 WITH SPHYGMOMANOMETER





FH1228
MEDICAR

Vehicle plastic case, ideal for first aid and for minor injuries.
Dimensions: 26 x 17 x 8 cm.



FH1229
SPLINTER REMOVAL KIT

Contains instruments and instructions for removing splinters of various kinds and performing first aid actions.



FH1231
EYEWASH KIT

Emergency eyewash kit, recommended for vehicles and small working environments.



FH1217
FIRST AID CABINET

Lockable carbon steel cabinet. White. Equipped with increased first aid supplies required by It. M.D. 388 15/7/03 attachment 1 and It. L.D. 81 9/4/08 art. 45. Suitable for workplaces with three or more employees.
Dimensions: 40 x 58 x 20 cm.



FH1236
READY-TO-USE ICE PACK

Useful accessory to be used in the case of trauma or small bleeding; keeps the injured part cool for about 25/30 minutes depending on the outside temperature.



FH1238
SANBOX

Dispenser in ABS, supplied with 2 refills of fabric patches in various sizes. The wrapping opens releasing the sticky side and the patch is ready for immediate use. SANBOX is supplied with the necessary parts for wall mounting.

Not in photo:

FH1224
SUPPLIES FOR CABINET



FH1237
DETECTABLE PATCH

Patch detectable by metal detector, for use in the food processing industry. Pack of 100 pieces.
Dimensions: 2 x 7 cm.



FH1239
SANBOX REFILL
Pack with 6 refills of 42 patches 19 x 72mm.

FH1240
SANBOX REFILL
Pack with 6 refills of 36 patches 25 x 72 mm.

FH1241
SANBOX REFILL
Pack with 6 refills of 42 detectable patches 19 x 72 mm.

FH1242
SANBOX REFILL
Pack with 6 refills of 36 detectable patches 25 x 72mm.



COMPANY FIRST AID EQUIPMENT



FH1302
STOOL

Revolving stool with padded seat, colour grey, 5-spoke plastic base without wheels.



FH1309
WASTE BIN L 14



FH1311
ARMCHAIR



FH1303
COAT HANGER

Free-standing enameled coat hanger with umbrella holder.



FH1310
DESK

Painted metal desk with laminate top. With two lockable drawers.



FH1301
MAGNIFYING LENS

Lamp equipped with 3 dioptres lens and 22 W fluorescent lighting power. Full adjustable projector mounted on wheeled pantograph arm.



FH1308
DISPLAY CASE

One door enameled white cabinet, with lock, three-rack mounted adjustable glass shelves. Dimensions: 53 x 36 x 144 cm.



FH1312
MEDICAL INSTRUMENTS TROLLEY

Metal trolley with wheels, featuring two shelves with protective railings. Dimensions: 60 x 40 x 77 cm.

FH1304
EXAMINATION BED

Single-hinged examination bed, in painted metal with raising and adjustable head rest. Dimensions: 176 x 60 x 78 cm. Supplied disassembled.

FH1305
STEP

FH1306
PAPER TOWEL ROLL HOLDER

FH1307
PAPER BED COVER ROLL



FH1313
SCREEN

Three-wing screen, aluminium frame, flame resistant washable curtains. Dimensions: 150 x 170 cm.



FH1210
1-PLACE CHANGING ROOM CABINET

Changing room cabinet with 6/10 thick steel sheet frame, reinforced doors with ventilation slots. Special burglar-proof internal hinges. Shockproof, rounded front perimeter edge. Top shelf, clothes hanger and dirty/clean separator in each compartment and lock with key. Grey. Dimensions: 40 x 50 x 180 cm.



FH1211
3-PLACE CHANGING ROOM CABINET

Dimensions: 120 x 50 x 180 cm.



FH1212
2-PLACE CHANGING ROOM CABINET

Dimensions: 80 x 50 x 180 cm.



FH1209
WATERPROOF STRONG PROTECTIVE HAND CREAM

Defends and protects the skin, like an invisible glove, from the aggression of irritating substances. Indispensable to protect those who work with water-based paints, nickel, solvents, oil, hydrocarbons, petrol, naphtha and resins.



FH1233
MOUTH TO MOUTH RESUSCITATION MASK

Mask with inflated rim for mouth to mouth resuscitation. Features a one-way valve and a special socket for oxygen flow.



FH1232
ANTISEPTIC WIPES

Fast-acting antibacterial wipes, suitable for food industries and for hospital and health facilities. The disinfectant used is a medical aid registered with the Department of Health. Box with 20 wipes. Wipe dimensions 140 x 190 mm.



FH1235
AUTOMATIC DIGITAL SPHYGMOMANOMETER

Digital automatic device for blood pressure self testing.



POLYETHYLENE CERVICAL COLLAR

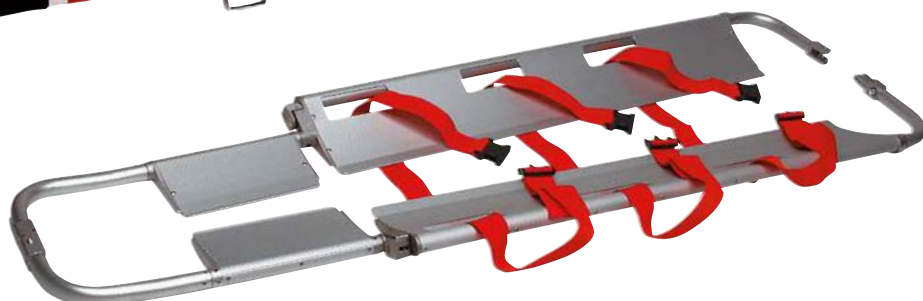
Cervical collar in EVA-coated polyethylene. X-ray translucent, Velcro straps. Available in six sizes:

- | | | |
|--|---|---|
| FH1243
INFANT
Pink. | FH1245
STOUT
Purple. | FH1247
MEDIUM
Orange. |
| FH1244
PEDIATRIC
Light blue. | FH1246
STANDARD
Royal blue. | FH1248
TALL
Aqua green. |



FH1227
STRETCHER

Foldable stretcher in light alloy, with high strength PVC coated polyester sheet. Dimensions: 203 x 50 x 15 cm.



FH1230
SCOOP STRETCHER

Specially designed to be placed underneath the victim to ensure complete immobility to avoid further trauma. Entirely made in aluminium sections. Features a regulated length, easy lock system. Supplied with 3 quick release buckle belts. Non-slip surface. Guaranteed load 159 kg.



MARKETING SUPPORT

TO PROMOTE MARKETING ACTIVITIES, TOOLS ARE PROVIDED TO BETTER PRESENT AND HIGHLIGHT THE QUALITY OF SIR PRODUCTS. THE INTERESTED RESELLERS CAN REQUEST THE ITEMS SHOWN ON THIS PAGE FOLLOWING TO A MATERIAL PURCHASING PLAN.



FI110005
CLOTHING AND SHOES DISPLAY RACK

Free-standing personalised display rack for clothes, shoes and gloves in aluminium with stable square base. It features a rod for coat hangers with 6 hooks, double rod for gloves and 7 shoe shelves. Dimensions: 202 x 82 x 60 cm.



FI110004
CLOTHING DISPLAY

Free-standing, modular clothing display in painted metal; featuring clothes hanging rod and forex crowner. Dimensions: 120 x 145 x 60 cm.

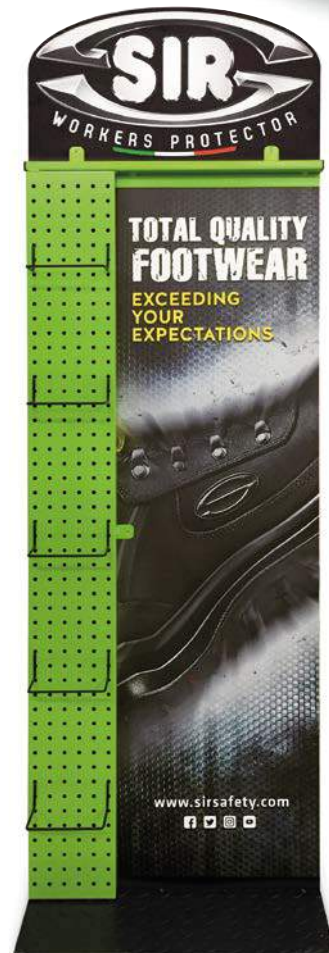


FI110006
COUNTERTOP MIRROR DISPLAY

Countertop mirror display for individual shoe, made in moulded Plexiglass and featuring a removable and customisable rear graphic panel. Mirror base to highlight the sole of the displayed shoe. Dimensions: 33 x 11.5 x 40 cm.

FI110007
TOWER DISPLAY FOR FOOTWEAR

Two-side free-standing display made in aluminium with wide base in anti-skid cross-hatched sheet. Features 10 shoe shelves with adjustable height to adapt to the displayed models and graphic panel in two-side Forex, removable and customisable. Dimensions: 60 x 180 x 40 cm.





FI110001
GLASSES CASE

Glasses carrying case in polypropylene with inner compartments in die-cut sponge.
Dimensions: 447 x 412 x 107 mm.
Black.



FI110008
CLOTHES HANGER RACK

Clothes hanger rack with silver steel extendible structure with 4 wheels, easy to mount and convenient to move.
Dimensions: 163 x 144/205 x 60 cm.



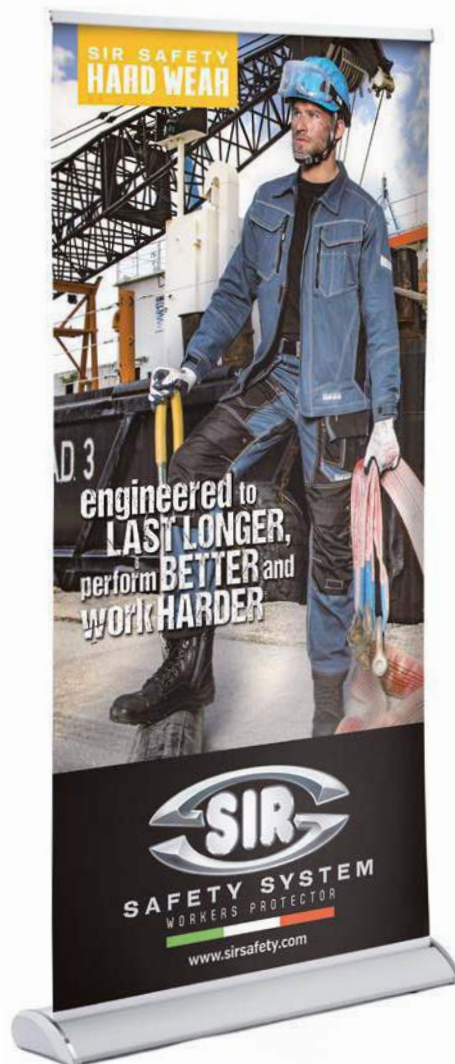
FI110009
FLOOR MAT

Indoor use floor mat for trying shoes on. It has a non-slip NBR-nitrile base and twisted Nylon top.
Dimensions: 80 x 50 cm.



FI110002
MANNEQUIN

Mannequin for full-length clothes, in glass fibre with sand coloured smooth finish, with oval base for maximum stability.
Dimensions: height 185 cm, shoulders 52 cm.
Weight: 19-20 kg.



FI110010
ROLL-UP

One-sided high-quality advertisement roll-up for interiors with automatic winding of the banner inside the structure. Foldable into the carrying bag included in the kit.
Open dimensions: 205 x 90 x 22 cm.
Weight: 4.8 kg.



FI110003
CHANGING ROOM

Demountable steel structure with sliding curtain and three lacquered panels, complete with grey coir mat and two clothes hangers.





A long history

Our story began a long time ago. This catalogue has been designed by SIR to help Companies and their workers focus on safety.

On a journey that began 40 years ago and now culminates in the 2020-2023 edition, SIR Safety System still aims to be the guide and landmark for those who work.

Your protector for 40 years.








LORENZO GUERCI
Sales Manager - SIR Safety System





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