

General catalogue



inspire safety



www.marcapl.com

inspire safety
MARCA



Unwavering Commitment.



The pursuit of excellence in workplace safety is a continuous journey toward a safer and more secure work environment. This daily effort towards obtaining the best certifications is not simply a task, but an unwavering commitment to the life and well-being of workers.

A safe work environment reduces accidents, improves productivity and strengthens worker morale, creating an environment where everyone can thrive. The search for these certifications transcends the purely professional. It directly affects the lives of those who work in those environments.

Quality control throughout our processes ensures the success of our products and our relationships with our customers, thus, achieving satisfaction throughout the entire chain, from the creation of new products resulting from innovation, to the user of our articles.

We also strive to ensure that the productivity derived from our business activity is respectful of our environment, and to that end we demand of ourselves the standards implemented for obtaining certifications such as ISO 140001 and the Carbon Footprint Calculation.



AENOR GESTIÓN DE LA CALIDAD ISO 9001	AENOR GESTIÓN AMBIENTAL ISO 14001	AENOR SEGURIDAD Y SALUD EN EL TRABAJO ISO 45001
AENOR HUELLA DE CARBONO CO ₂ CALCULADO	AENOR COMPROMISO CON ENTORNOS SEGUROS PARA LAS MUJERES	AENOR ESTRATEGIA SOSTENIBLE (ODS)



Great Place To Work®

We create a pleasant and sustainable work environment.

We care about our environmental impact and the well-being of our people. We know that we are not the only ones who follow these principles, and that fills us with joy, because the more companies that adopt these values, the better the world and the people who make it up will be.

MARCA® has joined the 'Diversity Charter', an initiative of the Diversity Foundation promoted by the European Commission in order to show its commitment to inclusion and diversity in the workplace. It pursues the promotion of equal opportunities and the fight against discrimination in all its forms, including age, gender, sexual orientation, ethnicity, religion and disability.



inspire safety

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The choice of fabric

Cotton: material used in the manufacture of workwear, especially in situations where comfort and breathability are essential. Although it is not as resistant to certain elements as other work protection materials, it has its own advantages and is suitable for certain types of jobs and environments.

Comfort and breathability: it is highly appreciated for its comfort and its ability to keep the user cool and dry. It is a breathable fabric that allows air to circulate and helps regulate body temperature, making it ideal for workers who perform physical tasks in warm environments.

Hypoallergenic: cotton is soft and generally non-irritating to the skin, making it a good choice for workers with sensitive skin or allergies to other materials.

Easy care and maintenance: it is easy to wash and maintain. This makes it easier to clean and maintain work clothes.

Thermal insulation: provides good thermal insulation, making it suitable for workers who need protection from the cold. It can also be used in clothing items that overlap other protective elements.

Polyester: material used in the manufacture of protective workwear, especially in situations where resistance to certain elements is crucial.

Abrasion and wear resistance: it is known for its abrasion resistance, making it suitable for jobs where clothing is subject to intensive use and constant wear.

Quick drying and breathability: it is a fabric that tends to dry quickly, which is useful for workers who are exposed to humidity or who need to stay dry. It can also be treated to increase its breathability, allowing sweat evacuation and regulation of body temperature.

Tensile strength: polyester is known for its high tensile strength, meaning it can withstand tension and stretching without tearing easily. This is especially important in jobs that require vigorous movement or where workers can become trapped in hazardous situations.

Cotton-polyester blends
Cotton provides comfort and breathability, while polyester provides durability and resistance to wear.

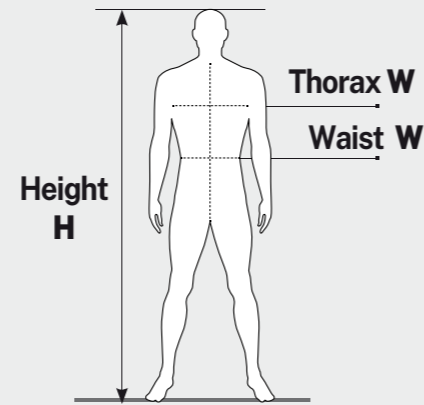


Select the size of the garment

Chest circumference: Stand up and place the tape measure around your bust, under your arms, and at the fullest part of your bust. Where the tape measure meets is the measurement of the circumference of your chest.

Waist Circumference: Place the measuring tape around your waist, just above the top of your hip bone, and at the level of your belly button. Where the tape measure meets is the measurement of the circumference of your waist.

Height: Take off your shoes and, with your back to the wall, feet together, shoulders and head back, mark perpendicularly on the wall with a pencil from the highest point of your head. The distance from the ground to the mark is your height.



SIZE SELECTION FOR UPPER GARMENTS

(OVERALLS•JACKETS•COATS•ROBES•WATERPROOF SUITS•VESTS•PARKAS•POLO SHIRTS•T-SHIRTS•JUMPERS AND SWEATERS)

	XS	S	M	L	XL	2XL	3XL	4XL	5XL									
SIZE DOUBLE NUMERING	40 / 42	44 / 46	48 / 50	52 / 54	56 / 58	60 / 62	64 / 66	68 / 70	72 / 74									
SIZE SIMPLE NUMERING	40 42	44 46	48 50	52 54	56 58	60 62	64 66	68 70	72 74									
GOWNS SIZING	34 / 36	38 / 40	42 / 44	46 / 48	50 / 52	54 / 56	58 / 60	62 / 64	66 / 68									
SHIRTS SIZING	27/28	29/30	31/32	33/34	35/36	37/38	39/40	41/42	43/44	45/46	47/48	49/50	51/52	53/54	55/56	57/58	59/60	61/62
CHEST CONTOUR (CM) W	76-80	80-84	84-88	88-92	92-96	96-100	100-104	104-108	108-112	112-116	116-120	120-124	124-128	128-132	132-136	136-140	140-144	144-148
HEIGHT (CM) H	152-158	152-158	152-158	152-158	152-158	158-164	164-170	170-176	176-182	182-188	188-194	194-200	194-200	194-200	194-200	194-200	194-200	194-200



SIZE SELECTION FOR BOTTOM GARMENTS

(TROUSERS • SHORTS)

	XS	S	M	L	XL	2XL	3XL	4XL	5XL									
SIZE DOUBLE NUMERING	34 / 36	38 / 40	42 / 44	46 / 48	50 / 52	54 / 56	58 / 60	62 / 64	66 / 68									
SIZE SIMPLE NUMERING	34 36	38 40	42 44	46 48	50 52	54 56	58 60	62 64	66 68									
CHEST CONTOUR (CM) W	64-68	68-72	72-76	76-80	80-84	84-88	88-92	92-96	96-100	100-104	104-108	108-112	112-116	116-120	120-124	124-128	128-132	132-136
HEIGHT (CM) H	152-158	152-158	152-158	152-158	158-164	164-170	170-176	176-182	182-188	188-194	194-200	194-200	194-200	194-200	194-200	194-200	194-200	194-200





PROSERIES TROUSERS
Stretch professional fitting



588PSTRAE electric blue

588PSTRG grey

588PSTRAM navy blue

588PSTRNE black

PRO SERIES MULTI-POCKET STRETCH TROUSERS

220g stretch fabric

Composition and gsm:
98% cotton / 2% elastane
Gsm: 220 g/m²

- Six pockets: two diagonal hip pockets, two cargo-type leg pockets and two rear pockets with flap closure.
- Hip adjustment with internal side elastics and with 7 extra wide belt loops.
- Knees reinforced with Oxford Nylon fabric.

Units box: 20 **Min Order: 1 unit**
SIZES: 34 to 64



588PSSG grey

588PSSAM navy blue

PRO SERIES MULTI-POCKET STRETCH TROUSERS

245g stretch fabric

Composition and gsm:
58% polyester / 39% cotton / 3% elastane
Gsm: 245 g/m²

- Reinforcement on knee pads with fabric anti-abrasion.
- Hip adjustment with internal side elastics and with 6 extra wide belt loops.

Units box: 20 **Min Order: 1 unit**
SIZES: 34 to 64



Screwdriver pocket detail



Right pocket detail.
Mobile phone holder



588PELASRK army green

588PELASRG grey

588PELASRAM navy blue

588PELASRNE black

CASUAL MULTI-POCKET STRETCH TROUSERS

260g stretch fabric

Composition and gsm:
98% cotton / 2% elastane
Gsm: 260 g/m²

- Six pockets: two French-style on the hips, two cargo-style on the legs with a pleat on the inside, and two on the back.
- Hip adjustment without additional elastic with 5 extra wide belt loops.

Units box: 20 **Min Order: 1 unit**
SIZES: 34 to 64

CASUAL TROUSERS
Stretch professional fitting



588PBSNE black

588PBSAM navy blue

588PBSG grey

CASUAL MULTI-POCKET STRETCH TROUSERS

240g stretch fabric

Composition and gsm:
98% cotton / 2% elastane
Gsm: 240 g/m²

- Six pockets, two French-style on the hips, two patch cargo-style on the legs and two patch pockets on the back.

Units box: 20 **Min Order: 1 unit**
SIZES: 34 to 62



588PVSAM dark navy blue

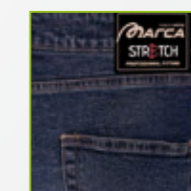
CASUAL STRETCH DENIM TROUSERS WITH MULTI-POCKETS

310g stretch fabric

Composition and gsm:
99% cotton / 1% elastane
Gsm: 310 g/m²

- Jeans-style pockets with inner lining and coin pocket. Jeans-style back pockets. Front pocket located mid-thigh.
- Hip fit with waistband made of the same stretch fabric.

Units box: 20 **Min Order: 1 unit**
SIZES: 38/40 to 58/60



Back pocket detail



Mobile phone pocket

STRETCH EQUIPMENTS PRO SERIES professional fitting

STRETCH EQUIPMENTS professional fitting



588CPSGNE grey/black
PRO SERIES STRETCH JACKET
245 g/m² Stretch fabric

- Mixed raglan sleeves and mandarin collar.
- Multi-pocket. 5 pockets.
- Adjustable with side elastics.
- Vibrant fluorescent yellow contrast trim on black raglan border.

COMPOSITION:
58% polyester 39% cotton and 3% elastane

Units box: **20** Min Order: **1 unit**
SIZES: **48/50 to 68/70**

288VPSGNE grey/black
PRO SERIES STRETCH VEST
605 g/m² Stretch fabric

COMPOSITION:
Exterior layer: 58% polyester/39% cotton /3% elastane 245 g/m²
Padding: 100% polyester 320 g/m²
Interior layer: 100% polyester 190T 40 g/m²

- Very durable. Rectilinear design to promote movements of the lower trunk.
- Very good ratio: thermal VS weight.
- Rear dipped hem.
- Hip adjustment with elastic.

Units box: **10** Min Order: **1 unit**
SIZES: **S to 3XL**



588SSAM navy blue
588SSSG grey
PRO SERIES STRETCH SHORTS MULTI-POCKET
245 g/m² Stretch fabric

- Hip adjustment by inside side elastics.
- Extra high waist at the back.

COMPOSITION:
58% polyester 39% cotton 3% elastane

Units box: **25** Min Order: **1 unit**
SIZES: **34 to 64**



588PPSGNE grey/black
588PPSDAMNE navy blue/black
PRO SERIES STRETCH TROUSERS - MULTI-POCKET
245 g/m² Stretch fabric

- Six pockets and adjustable waistband with elastic bands.
- Reinforced seat and knees with anti-abrasion polyamide fabric, designed to accommodate a flexible knee pad.

COMPOSITION:
58% polyester 39% cotton and 3% elastane

Units box: **20** Min Order: **1 unit**
SIZES: **38/40 to 62/64**



New colour

588SBSG grey
588SBSAMR navy blue
588SBSNE black
CASUAL STRETCH SHORTS - MULTI-POCKET
240 g/m² Stretch fabric

- Six pockets, two French-style, two cargo-style leg pockets, and two rear patch pockets.

COMPOSITION:
98% cotton / 2% elastane

Units box: **20** Min Order: **1 unit**
SIZES: **34 to 62**



588PETPSAMNE navy blue/black
PRO SERIES STRETCH DUNGAREES
245 g/m² Stretch fabric

- Five pockets and adjustable waistband with elastic.
- Reinforced seat and knees made of abrasion-resistant polyamide fabric, designed to accommodate a flexible knee pad.
- Retroreflective bright trim.

COMPOSITION:
58% polyester 39% cotton and 3% elastane

Units box: **10** Min Order: **1 unit**
SIZES: **34/36 to 62/64**



588BPSGNE grey/black
PRO SERIES STRETCH COVERALLS
245 g/m² Stretch fabric

- Mixed raglan sleeve coveralls.
- Full outer flap with zip.
- 8 pockets and adjustable waist with elastic back. Vibrant fluorescent yellow contrast trim.

COMPOSITION:
58% polyester 39% cotton and 3% elastane

Units box: **10** Min Order: **1 unit**
SIZES: **48/50 to 68/70**



STRETCH EQUIPMENTS
NICE STRETCH professional fitting



437350GNE grey/black
Fluorescent details in green

437351VNE green/black
Fluorescent details in orange

**NICE STRETCH NERI-MARCA TROUSERS
MULTI-POCKET**

245 g/m². Stretch fabric + 4WS

- High-waisted back waistband.
- Hip adjustment by side elastics.
- Four front pockets, two back pockets, one of them with a flap, one double leg pocket with a flap.
- 4WS fabric in areas that require extra flexibility.

COMPOSITION:
245 g/m² Stretch fabric
Contrast fabric: 86 % nylon 14 % elastane 240 g/m²
Pockets: Lining: 80 % polyester 20 % cotton 110 g/m²

Units box: **10** Min Order: **1 unit**

SIZES: **S to 5XL**



471138GNE grey/black
Fluorescent details in green

471139VNE green/black
Fluorescent details in orange

**NICE STRETCH SHORT SLEEVE T-SHIRT
NERI-MARCA**

145 g/m² Cotton

- Lower side opening on both sides.
- Reflective details on the back.

COMPOSITION: 100% Cotton

Units box: **25** Min Order: **1 unit**

SIZES: **S to 5XL**



Box Nice Stretch.
Sustainable packaging for trousers and shorts



STRETCH



437427VNE green/black
Fluorescent details in orange

437426GNE grey/black
Fluorescent details in green

**NICE STRETCH NERI-MARCA SHORTS
MULTI-POCKET**

245 g/m². Stretch fabric + 4WS

- High-waisted back waistband.
- Hip adjustment by side elastics.
- Four front pockets, two back pockets, one of them with a flap, one double leg pocket with a flap.
- 4WS fabric in areas that require extra flexibility.

COMPOSITION:
245 g/m² Stretch fabric
Contrast fabric: 86 % nylon 14 % elastane 240 g/m²
Pockets: Lining: 80 % polyester 20 % cotton 110 g/m²

Units box: **10** Min Order: **1 unit**

SIZES: **S to 5XL**



SUPERTOP KITS
Professional fitting



488BSUPTOPAM navy blue
488BSUPTOPAZ azure blue
SUPERTOP MULTI-POCKET COVERALLS
270 g/m² Cotton

- Overalls with contrasting colours.
- 2 chest pockets with zip and flap closures.
- Mobile phone holder and electrode holder in sleeve.
- Adjustable raglan sleeves with snaps.
- 2 cargo pockets on the legs with gussets.
- Back waistband with elastic band.
- Reinforcement in the seat and triple stitching in the inseam.

COMPOSITION: 100% Cotton
Units box: **10** Min Order: **1 unit**
SIZES: **48 to 70**



488CSUPTOPG grey
488CSUPTOPAM navy blue
488CSUPTOPNE black
488CSUPTOPAZ azure blue
SUPERTOP JACKETS
270 g/m² Cotton

- Jacket with contrasting colours.
- 2 chest pockets with zip and flap closures.
- 2 side seam pockets.
- Mobile phone holder and electrode holder.
- Raglan sleeves bordered by contrast colour trim.

COMPOSITION: 100% Cotton
Units box: **20** Min Order: **1 unit**
SIZES: **48 to 68**



488PSUPTOPG grey
488PSUPTOPAM navy blue
488PSUPTOPNE black
488PSUPTOPAZ azure blue
SUPERTOP MULTI-POCKET TROUSERS
270 g/m² Cotton

- 2 western style hip pockets.
- 2 cargo style with gussets in the legs and 2 in the back.
- Extra high back waistband.
- Extra wide belt loops at the waist.

COMPOSITION: 100% Cotton
Units box: **20** Min Order: **1 unit**
SIZES: **36 to 62**



TOP LINE KITS
Professional fitting



488CTOPAZ azure blue

488CTOPAM navy blue

TOP LINE JACKET
245 g/m² Cotton

- 2 patch pockets located on the chest.
- 2 welt pockets on the lower front.
- 1 pen holder pocket on the arm.
- Hip adjustment by side elastics.

COMPOSITION:
100% Cotton

Units box: **20** Min Order: **1 unit**

SIZES: **48 to 68**



488PTOPAZ azure blue

488PTOPAM navy blue

SIZES: 34 to 62

488PTOPG grey

TOP LINE MULTI-POCKET SHORTS
245 g/m² Cotton

- 2 western style hip pockets.
- 2 cargo-type leg pockets.
- 2 back pockets.
- Extra high back waistband.
- Extra wide belt loops at the waist.

COMPOSITION:
100% Cotton

Units box: **20** Min Order: **1 unit**

SIZES: **36 to 62**



488CTTOPAM navy blue

488CTTOPR red

488CTTOPG grey

488CTTOPV green

488CTTOPBE beige

488CTTOPBBL white

TOP LINE JACKET
• 245 g/m² Polyester/cotton

- Multi-pocket.
- Hip adjustment by side elastics.

COMPOSITION:
65% polyester / 35% cotton

Units box: **20** Min Order: **1 unit**

SIZES: **48 to 68**



488PTTOPAM navy blue

488PTTOPR red

488PTTOPG grey

488PTTOPV green

488PTTOPBE beige

488PTTOPBBL white

488PTTOPNE black

TOP LINE MULTI-POCKET TROUSERS
245 g/m² Polyester/cotton

- Extra high back waistband.
- Extra wide belt loops at the waist.

COMPOSITION:
65% polyester / 35% cotton

Units box: **20** Min Order: **1 unit**

SIZES: **36 to 62**



488BTOPAZ azure blue
SIZES: 48 to 70

488BTOPAM navy blue
SIZES: 48 to 70

488BTOPG grey
SIZES: 48 to 68

488BTOPV green
SIZES: 48 to 68

TOP LINE COVERALLS
245 g/m² Cotton

- Multi-pocket. Pen holder on arm.
- Hip adjustment by side elastics.

COMPOSITION:
100% Cotton

Units box: **20** Min Order: **1 unit**

SIZES: **48 to 70**



488BTTOPG grey

488BTTOPAZ azure blue

488BTTOPBE beige

488BTTOPR red

TOP LINE COVERALLS
245 g/m² Polyester/cotton

- Multi-pocket. Pen holder on arm.
- Hip adjustment by side elastics.

COMPOSITION:
65% polyester / 35% cotton

Units box: **20** Min Order: **1 unit**

SIZES: **48 to 68**



TOP LINE KITS
Professional fitting



488STOPAZ azure blue
488STOPBE beige
488STOPBL white
488STOPAM navy blue
488STOPG grey
TOP LINE MULTI-POCKET SHORTS
 245 g/m² Cotton
 • 2 French style hip pockets.
 • 2 cargo-type leg pockets.
 • Hip adjustment with gussets elastic back and 5 belt loops.
 COMPOSITION:
 100% Cotton
 Units box: **20** Min Order: **1 unit**
 SIZES: **38/40 to 58/60**



488CCRTOPAZ azure blue
488CCRTOPAM navy blue
TOP LINE REFLECTIVE STRIPS JACKET
 245 g/m² Cotton
 • Retroreflective bands on torso and sleeves.
 • Multi-pocket. Pen holder on arm.
 • Hip adjustment by side elastics.
 COMPOSITION:
 100% Cotton
 EN 13688 Cat.II
 Units box: **20** Min Order: **1 unit**
 SIZES: **48 to 68**



488PCRTOPAZ azure blue
488PCRTOPAM navy blue
TOP LINE MULTI-POCKET REFLECTIVE STRIPS TROUSERS
 245 g/m² Cotton
 • Retroreflective bands on legs.
 • Hip adjustment by side elastics.
 COMPOSITION:
 100% Cotton
 EN 13688 Cat.II
 Units box: **20** Min Order: **1 unit**
 SIZES: **38 to 62**



388CG grey
 SIZES: 48 to 66
388CAM navy blue
 SIZES: 48 to 68
388CAZ azure blue
 SIZES: 48 to 68
BASIC LINE JACKET
 200 g/m² polyester/cotton
 • Hip adjustment by side elastics.
 • 2 pockets on the chest.
 COMPOSITION:
 80% polyester / 20% cotton
 Units box: **20** Min Order: **1 unit**

388PG grey
388PAM navy blue
 SIZES: 34 to 62
388PAZ azure blue
 SIZES: 36 to 62
388PV green
388PBL white
388PBE beige
BASIC LINE TROUSERS MULTI-POCKET
 200 g/m² polyester/cotton
 • Cargo-type leg pockets, 2 at the waist and 2 at the back with flap.
 • Extra wide belt loops at the waist.
 COMPOSITION:
 80% polyester / 20% cotton
 Units box: **20** Min Order: **1 unit**
 SIZES: **38 to 62**

BASIC LINE KITS
Professional fitting



388BTBL white
388BTAM navy blue
388BTAZ azure blue
BASIC LINE OVERALLS
 200 g/m² polyester/cotton
 • Hip adjustment with elastic.
 • 2 chest pockets and 2 on the legs.
 COMPOSITION:
 80% polyester / 20% cotton
 Units box: **20** Min Order: **1 unit**
 SIZES: **48 to 70**

BASIC LINE KITS
Professional fitting



388CEAZ azure blue

BASIC LINE COTTON JACKET
200 g/m² cotton

- Hip adjustment by side elastics.
 - 2 pockets on the chest.
- COMPOSITION:
100% Cotton

Units box: **20** Min Order: **1 unit**
SIZES: **48 to 66**



388CCRAM navy blue

SIZES: 48 to 68

388PCRAM navy blue

SIZES: 38 to 62

JACKET / TROUSERS WITH REFLECTIVE STRIPES BASIC LINE MULTI-POCKET
200 g/m² polyester/cotton

- Hip adjustment by side elastics.
- 2 pockets on the chest.
- Multi-pocket.
- Extra wide belt loops at the waist.

COMPOSITION:
80% polyester / 20% cotton

EN ISO 13688 Cat.II

Units box: **20** Min Order: **1 unit**

EN 17353



EN 17353



388PEAZ azure blue

388PEG grey

388PEAM navy blue

SIZES: 34 to 62

BASIC LINE MULTI-POCKET COTTON TROUSERS
200 g/m² cotton

- Cargo-type leg pockets.
- Extra wide belt loops at the waist.

COMPOSITION:
100% Cotton

Units box: **20** Min Order: **1 unit**
SIZES: **38 to 62**



388BAUBL white

388BAUAZ azure blue

BASIC LINE UNISEX ROBE
200 g/m² polyester/cotton

- Lapel collar.
 - One chest pocket and two hip pockets.
- COMPOSITION:
80% polyester / 20% cotton

Units box: **20** Min Order: **1 unit**

SIZES: **38/40 to 62/64**



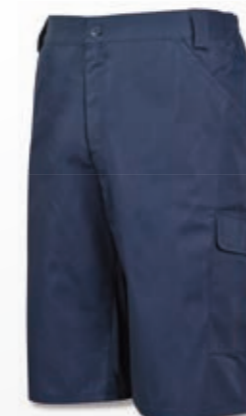
388BAM navy blue

388BAZ azure blue

BASIC LINE COTTON OVERALLS
200 g/m² cotton

- Hip adjustment with elastic.
 - 2 chest pockets and 2 on the legs.
- COMPOSITION:
100% Cotton

Units box: **20** Min Order: **1 unit**
SIZES: **48 to 70**



388SAM navy blue

388SG grey

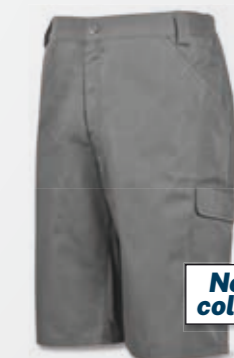
BASIC LINE MULTI-POCKET SHORTS
200 g/m² polyester/cotton

- 2 Cargo-type leg pockets, 2 at the waist and 2 at the back with flap.
- Extra wide belt loops at the waist.

COMPOSITION:
80% polyester / 20 cotton

Units box: **20** Min Order: **1 unit**

SIZES: **36 to 62**



New colour

POLOS SHIRTS
PRO SERIES professional fitting



1288PTMCAAZ navy blue/azure blue

1288PTMCAMNE navy blue/black

1288PTMCRN red/black

1288PTMCGNE grey/black

PRO SERIES "TECHNICAL" POLO SHIRT
135 g/m² Polyester _ BirdEye knit

- "BirdEye" fabric that provides lightness and softness and promotes perspiration.
 - Chest pocket.
- COMPOSITION: 100% polyester

Units box: **50** Min Order: **1 unit**

SIZES: **M to 2XL**



1288PTAMAZ navy /blue side

1288PTNEG grey / black side

1288PTGNE black/ grey side

PRO SERIES "TECHNICAL" POLO SHIRT
135 g/m² Polyester

- Technical short-sleeved polo shirt in breathable fabric.
 - Quick-drying properties of sweating.
- COMPOSITION: 100% polyester

Units box: **50** Min Order: **1 unit**

SIZES: **S to 3XL**



HIGH RESISTANCE
With exceptional mechanical properties tested against stretching with anti-pilling properties maintaining them even after washing and drying.



ANTI-SNAGGINGS
It minimises the probability of snags, increasing the garment's lifespan and the user's safety.



QUICK DRY
The fabric allows for rapid evaporation of body sweat an exceptionally shorten drying time.



HIGH BREATHABILITY FABRIC
Its high-water vapour permeability provides exceptional breathability, offering great thermal and ergonomic comfort.



POLOS SHIRTS
BASIC professional fitting



1288PAMCAZ azure blue

1288PAMCG grey

1288PAMCV green

1288PAMCNE black

1288PAMCAM navy blue
SIZES: S to 3XL

COTTON POLO SHIRT SHORT SLEEVE
175 g/m² Cotton

- Basic lapel collar.
 - Chest pocket.
- COMPOSITION: 100% Cotton

Units box: **50** Min Order: **1 unit**

SIZES: **M to 2XL**



1288PAMLG grey
SIZES: M to 2XL

1288PAMLAM navy blue
SIZES: S to 3XL

COTTON POLO SHIRT LONG SLEEVE
Cotton 200 g/m²

- Basic lapel collar.
 - Chest pocket.
 - Piqué knit fabric.
- COMPOSITION: 100% Cotton

Units box: **50** Min Order: **1 unit**



T-SHIRTS KITS

Professional fitting

T-SHIRTS KITS

BASIC professional fitting



HIGH RESISTANCE
With exceptional mechanical properties tested against stretching with anti-pilling properties maintaining them even after washing and drying.



ANTI-SNAGGINGS
It minimises the probability of snags, increasing the garment's lifespan and the user's safety.



QUICK DRY
The fabric allows for rapid evaporation of body sweat a exceptionally shorten drying time.



HIGH BREATHABILITY FABRIC
Its high-water vapour permeability provides exceptional breathability, offering great thermal and ergonomic comfort.



1288TSTAMAZ navy / azure blue side

1288TSTNEG grey / black side

1288TSTGNE black/ grey side

PRO SERIES "TECHNICAL" T-SHIRT
150 g/m² polyester

- Short-sleeved technical t-shirt in breathable polyester fabric.
- Quick-drying properties of sweating.

COMPOSITION: 100% polyester.

Units box: **50** Min Order: **1 unit**

SIZES: **S to 3XL**



1288TSG grey

SIZES: M to 2XL

1288TSBL white

SIZES: M to 2XL

1288TSAM navy blue

SIZES: S to 3XL

COTTON SHORT SLEEVE T-SHIRT
145 g/m² Cotton

- Basic type round neck.

COMPOSITION: 100% Cotton

Units box: **50** Min Order: **1 unit**



388CMCG grey
SIZES: 37/38 to 49/50

388CMCAZ azure blue
SIZES: 37/38 to 51/52

388CMCAC light blue
SIZES: 37/38 to 49/50

388CMCV green
SIZES: 39/40 to 49/50

BASIC SHORT SLEEVE SHIRTS
95 g/m² Polyester/Cotton

- Basic type tailored collar.
 - 2 Chest pockets.
- COMPOSITION:
65% polyester / 35% cotton

Units box: **40** Min Order: **1 unit**



388CXMLAZ azure blue

388CZMLAM navy blue

BASIC COTTON LONG-SLEEVED SHIRTS
125 g/m² Cotton

- Basic type tailored collar.
 - 2 Chest pockets.
- COMPOSITION: 100% cotton

Units box: **40** Min Order: **1 unit**

SIZES: **37/38 to 51/52**



388CMLV green
SIZES: 43/44 to 51/52

388CMLAC light blue
SIZES: 37/38 to 49/50

388CMLG grey
SIZES: 37/38 to 51/52

388CMLAZ azure blue
SIZES: 37/38 to 51/52

388CMLBE beige
SIZES: 37/38 to 47/48

BASIC LONG-SLEEVED SHIRTS
95 g/m² polyester/cotton

- Basic type tailored collar.
 - 2 Chest pockets.
- COMPOSITION:
65% polyester / 35% cotton

Units box: **40** Min Order: **1 unit**



CLOTHING AND ACCESSORIES

Professional fitting



1388FLNNE

LUMBAR SUPPORT BELT WITH ADJUSTABLE STRAPS AND VELCRO CLOSURE

- Easy installation thanks to its elasticity and the Velcro adjustment system.
 - Designed to provide support to the lower back and abdomen through four stays that exert adequate pressure and resistance, reducing the possibility of back injuries.
 - Thermal effect through heat generation.
- MATERIALS:**
- Braces: Polyester.
 - Strap buckle: Polymer (plastic).
 - Band: Elastic (polyester) Nylon (polyamide).
 - Interior batons: Polymer (plastic).

SIZES	WAIST MEASUREMENTS
S	80 to 95 cm
M	95 to 105 cm
L	105 to 120 cm
XL	120 to 135 cm
2XL	135 to 150 cm



1388BELTNE

BELT

- Black belt in premium quality cotton with a high-resistance aluminium buckle. Press type.
- Easily adaptable to any waist size.

Units box: **50** Min Order: **1 unit**
 SIZE: **One-size**



1388BPHAM

TOOL HOLDER BELT BAG

- High resistance fabric.
- Reinforced seams. Padded in the area that adjusts to the waist of the worker.
- *Tools not included.

Units box: **50** Min Order: **1 unit**
 SIZE: **One-size**



1388BRNAM navy blue

SNOOD TYPE SCARF

- Navy blue fleece lining (100% polyester fleece).
- Adjustment with loop and elastic cord.

Units box: **100** Min Order: **1 unit**
 TALLA: **One-size**



1388GTNAM navy blue

KNITTED HAT

- Knitted hat with fleece-type inner fabric.

Units box: **100** Min Order: **1 unit**
 SIZE: **One-size**



COOLMAX

1388CTCNE

SUMMER ANKLE SOCK

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

COMPOSITION:
 70% Coolmax polyester / 27% polyamide / 3% elastane

Units box: **100** Min Order: **1 pair**
 SIZES: **39/42 to 43/46**



COOLMAX

1388CVCNE

SUMMER SOCKS

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

COMPOSITION:
 70% Coolmax polyester / 27% polyamide / 3% elastane

Units box: **100** Min Order: **1 pair**
 SIZES: **39/42 to 43/46**



THERMOLITE

1388CITNE

WINTER SOCKS

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

COMPOSITION:
 70% Thermolite polyester / 27% polyamide / 3% elastane

Units box: **100** Min Order: **1 pair**
 SIZES: **39/42 to 43/46**



1388RRPSIN

PRO RIGID KNEE PAD

Structure: Polyamide and Spandex. Protector: PVC (exterior) and EVA (filling). Pack of 2 units

- Easy installation thanks to its elasticity and the Velcro adjustment system.
- Designed to prevent damage caused by hard surfaces or small stones.

EN 14404
 Knee pads for work in a kneeling position. Type 1 (Knee pads independent of another garment and attached to the leg).

Units box: **12** Min Order: **1 pair**
 SIZE: **One-size**



1388RRNNE

RIGID OUTER KNEE PAD

Pack of 2 units

- Made of PVC and padded with Oxford polyamide fabric.
- Adjustable by means of adjustable knee straps and secured by Velcro.

EN 14404
 Knee pads for work in a kneeling position. Type 1 (Knee pads independent of another garment and attached to the leg).

Units box: **20** Min Order: **1 pair**
 SIZE: **One-size**



1388RNNE

FLEXIBLE POLYURETHANE KNEE PAD

Pack of 2 units

- Measurements (maximum dimensions measurements taking into account that it is "cuttable" until adjusted):
 Width - 16 cm
 Height - 21 cm
 Thickness - 2 cm

Units box: **30** Min Order: **1 pair**
 SIZE: **One-size**

High-visibility clothing, EN ISO 20471 standard

This clothing is intended to visually signal the user's presence so that they can be detected in conditions of risk, in daylight and in the light of car headlights in the dark.

The benefits come from colour and retro-reflection. Also, due to the minimum areas and the arrangement of the materials used in its preparation:

- Combined material

Material that has both fluorescence and retro-reflection properties.

- Background material:

Coloured fluorescent material intended to be highly visible. The standard colours for the background material are:

- Fluorescent yellow
- Fluorescent red-orange
- Fluorescent red

- Retroreflective material:

Material that is retroreflective and is exempt from meeting the background material requirements.

3 Classes of protective clothing are defined according to the minimum areas of the materials that the garment incorporates:

Class 1 high visibility clothing

It is the minimum level of protection required. It should be used by passive road users in the presence of vehicles travelling at speeds below 30 km/h (rural roads, warehouses...).

Class 2 high visibility clothing

It is the average level of protection. It should be used by passive road users in the presence of vehicles travelling at speeds below 60 km/h. (urban area, logistics, delivery...).

Class 3 high visibility clothing

It is the maximum level of protection. It must be worn by passive road users in the presence of vehicles above 60 km/h (national road, motorways/highways, airports...).

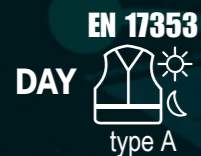


X= Garment class (1, 2 or 3)

Other items present in this wardrobe

EN 17353 ENHANCED VISIBILITY

Clothing to enhance the user's presence in medium risk situations.



POLOS SHIRTS AND T-SHIRTS
HIGH VISIBILITY EN ISO 20471



HIGH VISIBILITY



RADIUX
1288PAVMCRYF yellow
1288PAVMCRNF orange
SLEEVE POLO SHIRT
 Breathable bird-eye polyester.
 150 g/m²
 EN ISO 13688 Cat.II
 Units Box: 50 Min Order: 1 unit
 SIZES: S to 3XL



PRISMA
1288PAVXCRYFA yellow/blue navy
1288PAVXCRNFA orange/blue navy
1288PAVXCRYFV yellow/green
TWO-TONE SHORT SLEEVE POLO SHIRT
 Breathable bird-eye polyester.
 150 g/m²
 EN ISO 13688 Cat.II
 Units Box: 50 Min Order: 1 unit
 SIZES: S to 3XL



OPTIC
1288TSAVMCYFA yellow/blue navy
1288TSAVMCNFA orange/blue navy
SHORT SLEEVE TWO-COLOUR T-SHIRT
 Breathable bird-eye polyester.
 150 g/m²
 EN ISO 13688 Cat.II
 Units Box: 50 Min Order: 1 unit
 SIZES: S to 3XL



NEON
1288PAVMLRYF yellow
1288PAVMLRNF orange
NEON LONG SLEEVE POLO SHIRT
 Breathable bird-eye polyester.
 150 g/m²
 EN ISO 13688 Cat.II
 Units Box: 50 Min Order: 1 unit
 SIZES: S to 3XL



REFLEX
1288PAVXLRIFA yellow/blue navy
1288PAVXLRNFA orange/blue navy
TWO-TONE LONG-SLEEVED REFLEX POLO SHIRT
 Breathable bird-eye polyester.
 150 g/m²
 EN ISO 13688 Cat.II
 Units Box: 50 Min Order: 1 unit
 SIZES: S to 3XL



988POFIYFAM yellow / blue navy
FLAME-RESISTANT/ANTI-STATIC POLO SHIRT. HIGH VISIBILITY
 Fabric with permanent properties 200 g/m²
 • Elastic adjustments at waist and cuffs. Flame retardant retroreflective bands.
 • Pictograms and certified standards, engraved by heat transfer in retroreflective silver.
 • Fabric properties resistant for 25 washes.
 COMPOSITION: 60% Modacrylic, 38% Cotton 2% polyamide. Seams with meta-aramid thread.
 Units Box: 20 Min Order: 1 unit
 SIZES: S to 4XL EN ISO 13688 Cat.III



POLOS SHIRTS AND T-SHIRTS **Segmented Bands**
HIGH VISIBILITY EN ISO 20471



BRIGHT

TWO-TONE SHORT SLEEVE POLO SHIRT
with segmented bands.

100% Polyester 150 g/m²

1288PAVCSYFA yellow-blue navy

1288PAVCSNFA orange-blue navy

JINX

45% Polyester / 55% Cotton 150 g/m²

1288PAVCPYFA yellow-blue navy

1288PAVCPNFA orange-blue navy

EN ISO 13688

Cat.II

Units Box: 50

Min Order: 1 unit

SIZES: S to 5XL



ONYX

LONG SLEEVE TWO-COLOUR POLO SHIRT
with segmented bands.

100% Polyester 150 g/m²

1288PAVLSYFA yellow-blue navy

1288PAVLSNFA orange-blue navy

XARA

45% Polyester / 55% Cotton 150 g/m²

1288PAVLPYFA yellow-blue navy

1288PAVLPNFA orange-blue navy

EN ISO 13688

Cat.II

Units Box: 50

Min Order: 1 unit

SIZES: S to 5XL



DIXIE

SHORT SLEEVE TWO-COLOUR T-SHIRT
with segmented bands.

100% Polyester 150 g/m²

1288TSAVCSYFA yellow-blue navy

1288TSAVCSNFA orange-blue navy

PIXIE

45% Polyester / 55% Cotton 150 g/m²

1288TSAVCPYFA yellow-blue navy

1288TSAVCPNFA orange-blue navy

EN ISO 13688

Cat.II

Units Box: 50

Min Order: 1 unit

SIZES: S to 5XL



VEST
HIGH VISIBILITY EN ISO 20471



SOLEN

288VFCYF yellow
SIZES: S to 3XL

288VFCNF orange
SIZES: M to 3XL

HIGH VISIBILITY VEST. Knit
Polyester 120 g/m²

- Front zip closure.
 - Transparent label holder.
- COMPOSITION: 100% polyester

Total weight SIZE L: 146g

EN ISO 13688

Cat.II

Units Box: 100

Min Order: 1 unit



ESVET

288VMMFYF yellow

288VMMFNF orange

HIGH VISIBILITY VEST Knit/mesh
Multi-pocket 120/50 g/m²

- 6 injected plastic front zip closure. ID holder.
- 3 bellows pockets, one intended for Smart devices.

COMPOSITION:
LOWER HALF: Fabric de Knit 100% Polyester 120 g/m²
UPPER HALF: Fabric de Knit Type mesh 100% Polyester 50 g/m²

EN ISO 13688

Cat.II

Units Box: 100

Min Order: 1 unit

SIZES: S to 3XL



SHINE

288VFCMYF yellow
SIZES: S to 3XL

288VFCMN orange
SIZES: S to 2XL

HIGH VISIBILITY VEST. Knit/mesh.

Polyester 120 g/m²

- Front zip closure.
 - Transparent label holder.
- COMPOSITION: Knit fabric in the lower half, 100% Polyester. 120 g/m² Knit fabric, mesh in the upper half, 100% Polyester. 50 g/m²

Total weight SIZE L: 126g

EN ISO 13688

Cat.II

Units Box: 100

Min Order: 1 unit



BALIZA

288VMBFYFA yellow

288VMBFNFA orange

HIGH VISIBILITY VEST BICOLOR. Knit
Multi-pocket 120 g/m²

- 6 injected plastic front zip closure. ID holder.
- 3 bellows pockets, one intended for Smart devices.

COMPOSITION:
LOWER HALF: 100% Polyester knit fabric 120 g/m²
UPPER HALF: 100% Polyester knitted fabric 120g/m²

EN ISO 13688

Cat.II

Units Box: 100

Min Order: 1 unit

SIZES: S to 3XL



SAX

HV714YF yellow

HV714NF orange

HIGH VISIBILITY VEST. Knit
Polyester 120 g/m²

- Front Velcro closure.
 - 2 retroreflective bands.
- COMPOSITION: Fabric de Knit. Polyester. 120 g/m²

Total weight SIZE L: 140g

EN ISO 13688

Cat.II

Units Box: 50

Min Order: 10 ud.

SIZES: S to 2XL



SILVER

HV7YF yellow

KNIT SUSPENDERS HIGH VISIBILITY
Polyester 120 g/m²

- Knit fabric.
 - Front Velcro closure.
- COMPOSITION: Polyester 100%

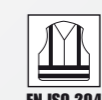
EN ISO 13688

Cat.II

Units Box: 100

Min Order: 1 unit

TALLA: XL



VEST
HIGH VISIBILITY EN ISO 20471



988VFYIAYF yellow

FIREPROOF AND ANTISTATIC VEST. HIGH VISIBILITY 130 g/m²

- For dangerous situations of low visibility/where an antistatic garment is also required (ATEX environments).
 - Flame retardant retroreflective bands. Pictograms and certified standards, engraved by heat transfer.
 - Occupational risk prevention in the metallurgical, petrochemical and naval industries.
 - Fabric properties resistant for 25 washes.
- COMPOSITION:
98% Polyester / 2% antistatic thread. Seams with meta-aramid thread

Units Box: **50** Min Order: **1 unit**
SIZES: **M to 2XL** **EN ISO 13688** Cat.II



ELEK

288VMFYF yellow

288VMFNF orange

HIGH VISIBILITY PADDED VEST WITH MULTI-POCKET 450 g/m²

- COMPOSITION:
Exterior: 100% Polyester/PU - 200 gr/m². Max. x 25.
Wadding: 100% Polyester (wadding) - 200 gr/m².
Interior layer: 100% Polyester - 50 gr/m².

EN ISO 13688 Cat.II
Units Box: **10** Min Order: **1 unit**
SIZES: **M to 2XL**



VISOR

288VSFYFA yellow

288VSFNFA orange

HIGH VISIBILITY SOFTSHELL VEST, TWO-TONE, SEGMENTED BANDS, 300 g/m²

- Inner lining of fleece fabric with embossed pattern.
 - Two side pockets with vertical openings.
- COMPOSITION:
Exterior layer: 100% polyester with elastic mechanical properties.
Intermediate layer (membrane): TPU
Interior layer: 100% Polyester fleece.

EN ISO 13688 Cat.II
Units Box: **20** Min Order: **1 unit**
SIZES: **S to 3XL**



ARTICLES FOR SIGNALING THE USER
High visibility



METAL
free

2088GPPFNYP yellow

2088GPPFNNF orange

HIGH VISIBILITY ANTI-IMPACT CAP. REFLECTIVE STRIPS

- Baseball type with mesh ventilation.
 - Reflective bands on both sides.
 - ABS inner shell with EVA inner pad.
- COMPOSITION: 100% Polyester

USES Activities in which a protective helmet is not required for the industry (falling objects), but where there is a risk of hitting the head against hard and immobile objects.

EN 812 Cat.II
Units Box: **60** Min Order: **1 unit**
SIZE: **One-size**. Adjustable Velcro (58 to 63cm)



KITS
HIGH VISIBILITY EN ISO 20471



NEXO
388CFXYFA yellow/blue navy
388CFXNFA orange/blue navy
388CFXYFV yellow/green
TWO-TONE HIGH VISIBILITY JACKET
 Polyester/cotton 200 g/m²
 • Elastic hip adjustment.
 • 2 chest pockets with zip closure.
 COMPOSITION:
 80% Polyester 20% cotton. Max x 25
 EN ISO 13688 Cat.II
 Units Box: 20 Min Order: 1 unit
 SIZES: 48 to 68



ICON
388CFXAYFA yellow/blue navy
HIGH VISIBILITY TWO-TONE PADDED JACKET 430 g/m²
 Exterior layer: 200 g/m². 80% Polyester 20% cotton. Max x 25.
 Wadding 180 g/m². 100% durable polyester.
 Interior layer (lining): Fabric 50 g/m². 100% Polyester.
 EN ISO 13688 Cat.II
 Units Box: 10 Min Order: 1 unit
 SIZES: 48 to 68



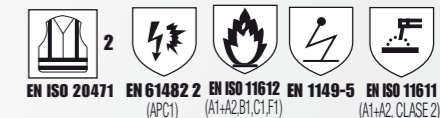
FLASH
388PFXYFA yellow/blue navy
HIGH VISIBILITY TWO-TONE PADDED TROUSERS 430 g/m²
 Exterior layer: 200 g/m². 80% Polyester 20% cotton. Max x 25.
 Wadding 180 g/m². 100% durable polyester.
 Interior layer (lining): Fabric 50 g/m². 100% Polyester.
 EN ISO 13688 Cat.II
 Units Box: 10 Min Order: 1 unit
 SIZES: 38 to 62



GALAXY
388PFXYFA yellow/blue navy
388PFXNFA orange/blue navy
388PFXYFV yellow/green
HIGH VISIBILITY TWO-TONE MULTI-POCKET TROUSERS
 Polyester/cotton 200 g/m²
 • Elastic waistband and darts, with five pockets.
 COMPOSITION:
 80% Polyester 20% cotton. Max x 25
 EN ISO 13688 Cat.II
 Units Box: 20 Min Order: 1 unit
 SIZES: 38 to 62



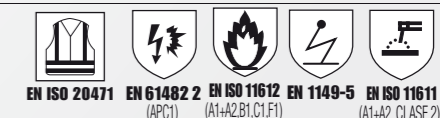
988CFYICYFA yellow/blue navy 260 g/m²
HIGH VISIBILITY FLAME RETARDANT/ANTISTATIC JACKET
 • Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
 COMPOSITION:
Contrast: (blue navy) 98% cotton (treated) and 2% polyamide.
Background: (fluorescent yellow) 80% cotton (treated), 19% Polyester and 1% polyamide. Seams with meta-aramid thread.
 EN ISO 13688 Cat.III
 Units Box: 20 Min Order: 1 unit
 SIZES: 48/50 to 68/70



SIGNUM
588PSTFYFA yellow/blue navy
588PSTFNFA orange/blue navy
HIGH VISIBILITY TWO-TONE MULTI-POCKET TROUSERS
 Polyester/cotton 240 g/m²
 • Hip adjustment with elastic back sides and 5 loops.
 • 6 pockets: 2 French-style hip pockets, 2 cargo-style leg pockets with contrasting fluorescent fabric gusset and 2 rear flap pockets.
 COMPOSITION:
 63% Polyester, 34% cotton and 3% elastane
 EN ISO 13688 Cat.II
 Units Box: 20 Min Order: 1 unit
 SIZES: 36 to 68



988PFYICAM yellow/blue navy 260 g/m²
HIGH VISIBILITY FLAME RETARDANT/ANTISTATIC TROUSERS
 • Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
 COMPOSITION:
Contrast: (blue navy) 98% cotton (treated) and 2% polyamide.
Background: (fluorescent yellow) 80% cotton (treated), 19% polyester and 1% polyamide. Seams with meta-aramid thread.
 EN ISO 13688 Cat.III
 Units Box: 20 Min Order: 1 unit
 SIZES: 38/40 to 62/64



STRETCH

*See EN IN ISO 20471 combination class for trousers

BASIC KITS
HIGH VISIBILITY EN ISO 20471



LAMP

388CFEYF fluorescent yellow

HIGH VISIBILITY JACKET
Polyester/cotton 200 g/m²

- Elastic adjustment at waist and sleeves.
- 2 chest pockets with injected plastic zip closure.

COMPOSITION:
80% polyester 20% cotton

EN ISO 13688 Cat.II
Units Box: 20 Min Order: 1 unit
SIZES: 48 to 68



STAR

388PFEYF fluorescent yellow

HIGH VISIBILITY TROUSERS
Polyester/cotton 200 g/m²

- Elastic waist adjustment and 5 belt loops.
- Multi-pocket.

COMPOSITION:
80% Polyester 20% cotton

EN ISO 13688 Cat.II
Units Box: 20 Min Order: 1 unit
SIZES: 36 to 62



HANSA

388BFYEF fluorescent yellow

HIGH VISIBILITY COVERALL.
Polyester/cotton 200 g/m²

- Elastic hip adjustment.
- Spiral zip.
- 2 hip pockets, one back pocket and one chest pocket.

COMPOSITION:
80% Polyester 20% cotton

EN ISO 13688 Cat.II
Units Box: 20 Min Order: 1 unit
SIZES: 48 to 68



JACKETS
HIGH VISIBILITY EN ISO 20471



SOFTSHELL

Vest function:
Removable sleeves
with zips.



AMBAR

288CSFYAYFA yellow/blue navy

288CSFYANFA orange/blue navy

HIGH VISIBILITY TWO-TONE SOFTSHELL JACKET
Detachable sleeves 310 g/m²

- Closure with invisible "Waterproof" spiral polyester zip.
- COMPOSITION:
Exterior layer: 100% Polyester
Intermediate layer: 100% Polyurethane (TPU).
Interior layer: 100% Brushed Polyester.

Total weight SIZE L: 750g

EN ISO 13688 Cat.II
Units Box: 20 Min Order: 1 unit
SIZES: S to 3XL



DRIVER

288FPFMIXYFA yellow/blue navy

SIZES: XS to 3XL

288FPFMIXNFA orange/blue navy

SIZES: S to 3XL

TWO-TONE HIGH-VISIBILITY FLEECE JACKET
Polyester 280 g/m²

- Elastic cuff adjustment. 2 pockets.
 - Closure with injected plastic zip.
- COMPOSITION: 100% Polyester (brushed outer and brushed inner)

Total weight SIZE L: 600g

EN ISO 13688 Cat.II
Units Box: 10 Min Order: 1 unit



288CHPFYFA yellow/blue navy

288CHPFNFA orange/blue navy

JACKET POLAR BICOLOR HIGH VISIBILITY
Polyester 280 g/m²

- Elastic cuff adjustment. 2 pockets.
 - Closure with injected plastic zip.
- COMPOSITION: 100% Polyester (brushed outer and brushed inner)

Total weight SIZE L: 600g

EN ISO 13688 Cat.II
Units Box: 10 Min Order: 1 unit



PARKAS
HIGH VISIBILITY EN ISO 20471



LINUX

288PFMIXYFA yellow/blue navy

288PFMIXNFA orange/blue navy

TWO-TONE HIGH VISIBILITY PARKA
Heat-sealed seams 320 g/m²

- Adjustable hood with straps.
- 2 front flap pockets and 1 inside pocket.

COMPOSITION:
Exterior layer: 100% Polyester Oxford 300D/PU 170gr/m². Max x 5.
Wadding: 100% Polyester (wadding) -110 gr/m².
Interior layer: 100% Polyester -50 gr/m².

EN ISO 13688 Cat.II
Units Box: 10 Min Order: 1 unit

SIZES: S to 3XL



XRAY

288PKFMIXYFA yellow/blue navy

288PKFMIXNFA orange/blue navy

288PKFMIXYFV yellow/green

TWO-TONE HIGH VISIBILITY TRIPLE USE PARKA

EN ISO 20471 PARKA 2
EN ISO 20471 HUSKY 1
EN ISO 20471 VEST 1
EN 343 1

LASER

288PKFYF fluorescent yellow

HIGH VISIBILITY TRIPLE USE PARKA

EN ISO 20471 PARKA 3
EN ISO 20471 HUSKY 1
EN ISO 20471 VEST 1
EN 343 1



Common technical features

Heat-sealed seams 560 g/m²

RAINCOAT EXTERIOR:

- Adjustable hood. Attached to husky using zips.
- 2 front pockets.

HUSKY:

2 exterior pockets / 1 interior. Convertible into a vest by removing sleeves.

COMPOSITION:

Exterior layer: 100% Polyester Oxford 300D/PU -180 g/m². Max. x25.
Wadding: 100% Polyester (wadding) -150 g/m².
Interior layer: 65% Polyester. 35% cotton -50 g/m².

EN ISO 13688

Units Box: 10

SIZES: S to 3XL

Cat.II

Min Order: 1 unit

XAVE

288PFEYF fluorescent yellow

288PFNENF fluorescent orange

BASIC HIGH VISIBILITY PARKA
Heat-sealed seams 320 g/m²

- Adjustable hood with straps.
- 2 front flap pockets and 1 inside pocket.

COMPOSITION:
Exterior layer: 100% Polyester Oxford 150D/PU 170g/m². Max x 5.
Wadding: 100% Polyester (wadding) -110 gr/m².
Interior layer: 100% Polyester -50 gr/m².

EN ISO 13688 Cat.II
Units Box: 10 Min Order: 1 unit

SIZES: S to 3XL

EN ISO 20471 3
EN 14058 3
EN 343 1



WATERPROOF SUITS
HIGH VISIBILITY EN ISO 20471



IMPACT

288TAFYF fluorescent yellow
SIZES: S to 3XL

288TAFNF fluorescent orange
SIZES: S to 2XL

HIGH VISIBILITY WATERPROOF JACKET. Heat-sealed seams
Polyester 140 g/m²

- Adjustable hood with straps.
 - Front zip closure and snap-fastened flap.
 - 2 exterior pockets.
- COMPOSITION:
100% Polyester with PU coating

EN ISO 13688 Cat.II

Units Box: 20 Min Order: 1 unit



LUX

288PAFYF fluorescent yellow
SIZES: S to 3XL

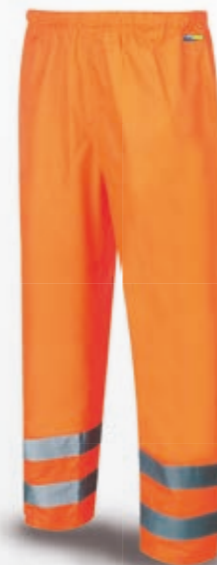
288PAFNF fluorescent orange
SIZES: S to 2XL

HIGH VISIBILITY WATERPROOF TROUSERS. Heat-sealed seams
Polyester 140 g/m²

- Self-adjustable waistband at the hips with elastic.
 - 2 exterior pockets with access to undergarment.
 - Snap-adjustable hems.
- COMPOSITION:
100% Polyester with PU coating

EN ISO 13688 Cat.II

Units Box: 20 Min Order: 1 unit



TAFE

288TAFEYF fluorescent yellow

288TAFENF fluorescent orange

HIGH VISIBILITY WATERPROOF SUIT. Heat-sealed seams
Polyester 135 g/m²

- JACKET: Retractable and adjustable hood.
 - TROUSERS: Adjustable at the hips with elastic and at the ankle with snaps. Bottomless pockets for access to the undergarment.
- COMPOSITION:
100% Polyester with PU coating

EN ISO 13688 Cat.II

Units Box: 20 Min Order: 1 unit

SIZES: S to 3XL



New colour



KITS
Enhanced visibility **EN 17353**



488CCRTOPAZ azure blue

488CCRTOPAM blue navy

TOP LINE REFLECTIVE STRIPS JACKET

Cotton 245g/m²

- Retroreflective bands on chest and sleeves.
 - Multi-pocket. Pen holder on arm.
 - Hip adjustment by side elastics.
- COMPOSITION: 100% Cotton

EN ISO 13688

Cat.II

Units Box: 20

Min Order: 1 unit

SIZES: 48 to 68

EN 17353



Type B3

"In the set"



New colour



488PCRTOPAZ azure blue

488PCRTOPAM blue navy

TOP LINE MULTI-POCKET REFLECTIVE STRIPS TROUSERS

Cotton 245g/m²

- Retroreflective bands on legs.
 - Hip adjustment by side elastics.
- COMPOSITION: 100% Cotton

EN ISO 13688

Cat.II

Units Box: 20

Min Order: 1 unit

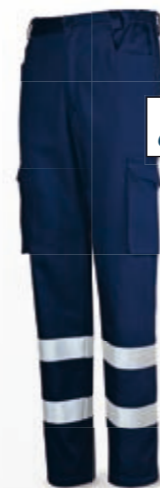
SIZES: 38 to 62

EN 17353



Type B3

"In the set"



New colour

KITS
Enhanced visibility **EN 17353**



388CCRAM blue navy

BASIC LINE REFLECTIVE STRIPS JACKET

Cotton 200g/m²

- Hip adjustment by side elastics. 2 pockets on the chest.
- COMPOSITION: 80% Polyester / 20% cotton

SIZES: 48 to 68

Units Box: 20

Min Order: 1 unit

EN ISO 13688

Cat.II

EN 17353



Type B3

388PCRAM blue navy

BASIC LINE REFLECTIVE STRIPS TROUSERS

MULTI-POCKET Cotton 200g/m²

- Cargo-type pockets. Extra wide belt loops at the waist.
- COMPOSITION: 80% Polyester / 20% cotton

SIZES: 38 to 62

Units Box: 20

Min Order: 1 unit

EN ISO 13688

Cat.II

EN 17353



Type B2



Depending on the temperature:

Protective clothing for cold environments, that is, from 10°C to -5°C.*As it is minimal risk, it is considered a Category 1 standard.
EN 14058

Protective clothing for the cold, this is from -5°C to -50°C. *As it is an Middle risk, it is considered a Category 2 standard.
The Icler (upper digit) of the garment will indicate the maximum temperature based on two parameters: The user's activity (being stopped is not the same as moving) and the exposure time.
EN 342

Example: User activity. The greater the user's physical activity, the lower the need for shelter. Allows greater exposure to lower temperatures (Security Guard Versus Construction Worker) Exposure time. The longer the exposure time, the greater the need for shelter. Being in a cold room for 1 minute is not the same as 1 hour.

For rain, the standard is EN343:

As it is a minimal risk, it is considered a Category 1 standard.

X Resistance to water penetration
Y Resistance to water steam
EN 343

The higher the X value, the more water resistance.

The higher the Y value, the more breathable the garment will be.

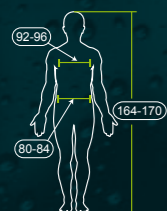
WATERPROOF SUITS - VESTS - JACKETS - PARKAS - JERSEYS - SUETERS

SIZE	S	M	L	XL	2XL	3XL
Chest (cm)	84-92	92-100	100-108	108-116	116-124	124-128
Height (cm)	164-170	170-176	176-182	182-188	188-194	194-200

TROUSERS

SIZE	38-(S)	40-(M)	42-(M)	44-(L)	46-(L)	48-(XL)
Waist (cm)	72-76	76-80	80-84	84-88	88-92	92-96
Height (cm)	152-158	158-164	164-170	170-176	176-182	182-188

SIZE	50-(XL)	52-(2XL)	54-(2XL)	56-(3XL)	58-(3XL)
Waist (cm)	96-100	100-104	104-108	108-112	112-116
Height (cm)	188-194	194-200	194-200	194-200	194-200



User measurements for which the size is recommended
Trousers: Height and waist
Upper garments: Height and chest

*The total weight of each garment have been carried out based on size "L"

Reference values

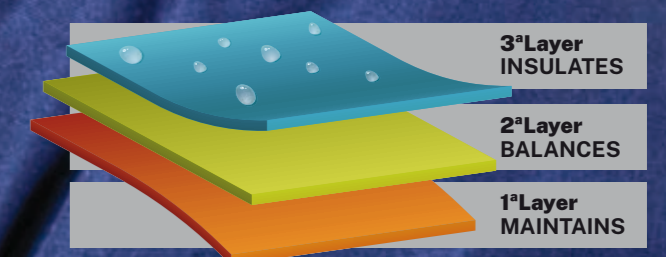


THE LAYERS

First layer: In direct contact with the skin, it is responsible for keeping the surface of the body dry by absorbing the moisture generated by the body perspiration process. Therefore, it prevents the body from cooling down with the humidity generated.

Second layer: Prevents the release of heat generated by the human body.

Third layer: It is responsible for isolating the body against adverse weather that may influence the two previous layers: Rain, Wind and Snow. These factors can break the internal balance of the other two layers: Rain (introducing water at a lower temperature), Wind (cooling the humidity generated by the body), Snow (cooling the general body temperature)



THERMAL CLOTHING

First Layer_Moisture absorption

FIRST LAYER_Thermal clothing

Thermal underwear is designed to manage body moisture and keep skin dry during physical activity or exposure to cold. Made with technical fibres such as polyester, it offers a high capacity for **absorbing and evacuating sweat**, preventing the feeling of dampness and providing cooling through evaporation. In addition, its **controlled perspiration properties and light thermal contribution help to conserve body heat, optimising comfort and the efficiency of the layering system in cold environments.**



288FLSAM navy blue
THERMAL UNDERSHIRT
180g/m²



COMPOSITION: 100% Polyester

- Breathable. Double-sided fabric for triple function: heat delivery, containment and elimination if there is excess.
- Double fabric on collar and cuffs.
- Rear dipped hem.

Units Box: **20** Min Order: **1 unit**

SIZES: **M to 2XL**



288FLMAM navy blue
THERMAL INTERIOR MESH
180g/m²



COMPOSITION: 100% Polyester

- Very light, thin and adjustable.
- Breathable.
- Double-sided fabric for triple function: heat delivery, containment and elimination if there is excess.

Units Box: **20** Min Order: **1 unit**

SIZES: **M to 2XL**

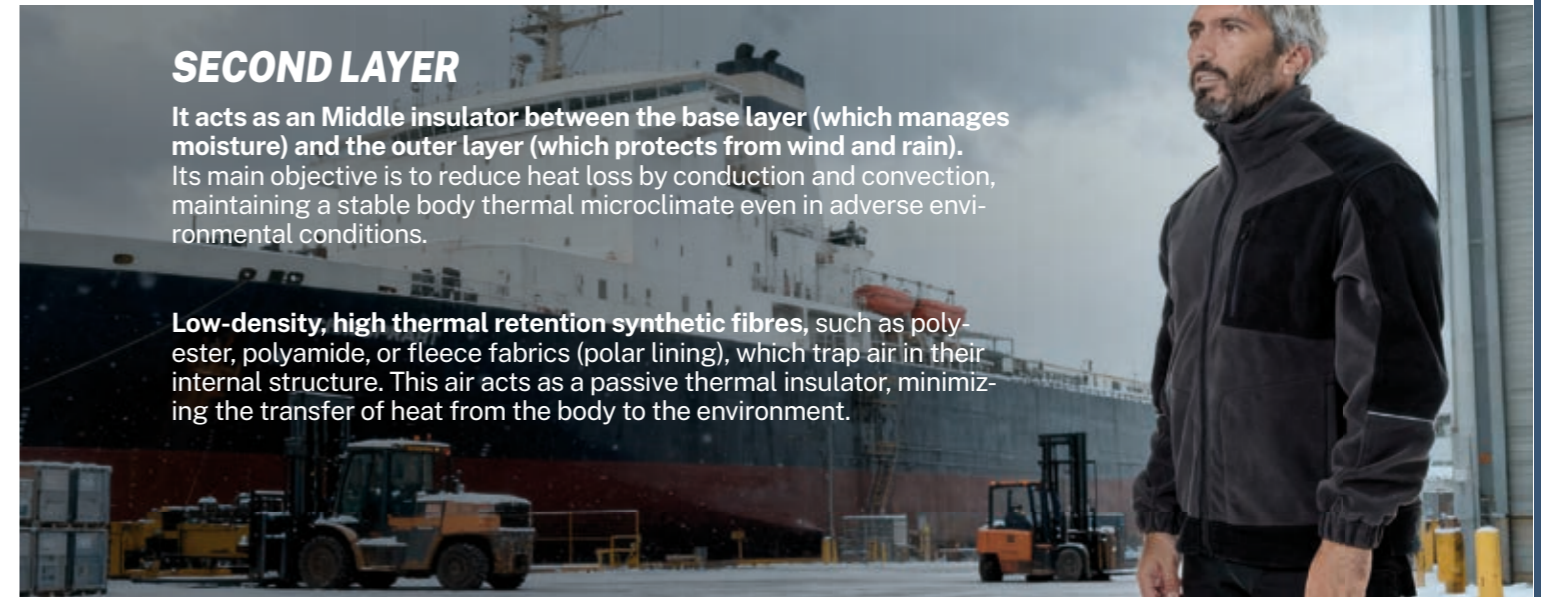
FLEECE JACKETS

Second Layer_Body heat retention

SECOND LAYER

It acts as an **Middle insulator between the base layer (which manages moisture) and the outer layer (which protects from wind and rain).** Its main objective is to reduce heat loss by conduction and convection, maintaining a stable body thermal microclimate even in adverse environmental conditions.

Low-density, high thermal retention synthetic fibres, such as polyester, polyamide, or fleece fabrics (polar lining), which trap air in their internal structure. This air acts as a passive thermal insulator, minimizing the transfer of heat from the body to the environment.



VIRACOCHA

288CHPPGNE grey / black
288CHPPAMNE navy blue / black
FLEECE JACKET 325g/m²



COMPOSITION:

Outer layer: 100% Polyester

- Heavyweight and warm fabric with polyester and brushed finish.
- Straight chest for ease of movement.
- Two side pockets and one chest pocket.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



QUETZAL

288CHPEAM navy blue
288CHPEG grey
288CHPENE black
FLEECE JACKET 280g/m²



COMPOSITION:

Outer layer: 100% Polyester

- Polyester and brushed, sheared finish. Without waist adjustment for ease of movement.
- Straight cut sleeve, elasticated fit.
- Two side pockets

Total weight size L: 350g

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



COAT VESTS
Second Layer_Body heat retention



HEIMDALL

288VMRMO dark navy blue

288VMRV green

288VMRG grey

MULTI-POCKET VEST 350g/m²



COMPOSITION:

Outer layer: 100% Polyester 100g/m²

Padding: 100% Polyester 200g/m²

Inner layer: 100% Polyester 190T 50g/m²

- Elasticated waist and cuffs.
- Pockets: 2 chest pockets (one for "Smart phone" and one for "pencils"), 2 pockets at the bottom and 1 inside pocket.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**



BALDER

288VERAM navy blue

SIZES: **L to XL**

288VERBL white

SIZES: **M to 3XL**

CLASSIC VEST 350g/m²



COMPOSITION:

Outer layer: 100% Polyester 100g/m²

Padding: 100% Polyester 200g/m²

Inner layer: 100% Polyester 190T 50g/m²

- Diamond-shaped seams throughout the garment.
- Adjustable waistband with elastic.
- 2 exterior pockets and one interior.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**



288VPSGNE grey/black

PRO SERIES STRETCH VEST 605g/m²



COMPOSITION:

Outer layer: Sarga 58% polyester 39% cotton 3% elastane (245g/m²).

Padding: Nonwoven fabric wadding 100% polyester (320g/m²).

Inner layer: Taffeta 190T 100% polyester (40 g/m²).

- Very durable. Rectilinear design to promote movements of the lower trunk.
- 5 exterior pockets.
- Rear dipped hem.
- Hip adjustment with elastic.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



NERTHUS

288VPAMAM navy blue

NAUTICAL TYPE VEST 600g/m²



COMPOSITION:

Outer: 80% Polyester/20% cotton 160g/m²

Chest: 100% Polyester wadding 160g/m²

Neck: 100% Polyester wadding 360g/m²

Inner: 100% Polyester fleece 280g/m²

- Kidney-covering back piece and fleece lining.
- Retro-reflective details.
- 4 exterior pockets: 2 at the waist, 2 on the chest (1 "pen holder") and 1 inside.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



LYTIR

288VS3NE black

SOFTSHELL VEST TRIPLE LAYER 320g/m²



COMPOSITION:

Outer layer: 95% Polyester / 5% Elastane

Middle layer (membrane): 100% Polyurethane (TPU)

Inner layer: 100% Polyester microfiber fleece

- Breathable, elastic and water resistant.
- Zip pocket on chest.
- 5 pockets: 3 exterior and 2 interiors.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**

IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	300 mvp

VEST AND OTHER COATS
Second Layer_Body heat retention



288VS3RNE black

DOUBLE LAYER SOFTSHELL VEST 280g/m²



COMPOSITION:

Outer layer: 95% Polyester / 5% Elastane

Inner layer: 100% polyester microfiber fleece

- Rectilinear pattern in torso to facilitate trunk and hip mobility.
- Double stitching of joining pieces for greater strength and special measurement between shoulders that facilitates arm mobility.
- 2 exterior pockets and 1 chest pocket with zip closure. 2 Interior pockets.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**



1288JCAM navy blue

POLICE TYPE JERSEY 450g/m²



COMPOSITION:

100% Acrylic

- Ribbed knit, extra resistant reinforced at shoulders and elbows.
- Waist and cuff adjustment with knitted fabric.
- Chest pocket.

Units Box: **25**

Min Order: **1 unit**

SIZES: **M to 2XL**



1288JSAM navy blue

BASIC SWEATSHIRT 340g/m²



COMPOSITION:

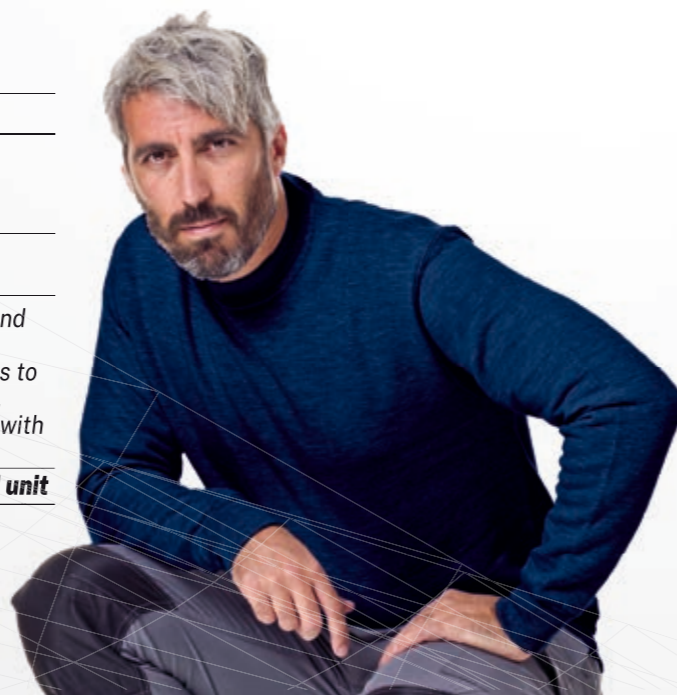
70% cotton / 30% polyester

- Brushed interior, providing warmth and softness.
- Wide design on the chest and sleeves to promote mobility or add inner layers.
- Adjusted waist and cuffs and collar, with elastic ribbed knit.

Units Box: **25**

Min Order: **1 unit**

SIZES: **S to 3XL**



SOFTSHELL JACKETS
Third layer_Insulation from the outside

THIRD LAYER_Insulation against adverse climates.

The protective barrier that insulates against adverse weather that may influence the two previous layers: **Rain, Wind and Snow.**

These garments must be **waterproof or water-repellent. Insulating and windproof, but without neglecting breathability**, essential to allow sweat to evaporate and keep inner garments dry. Some of these garments include **Softshell Jackets, Polar Jackets, Parkas, Trousers and Waterproof Suits.** These include protective membranes or technical sheets, along with elements or accessories such as **waterproof zips, heat-sealed seams**, etc., which reinforce them.

To measure the water resistance capacity and breathability of garments we use two types of indices:

1. **Impermeability.** Measurement in millimetres (mm) of the height of a column of water.
2. **Breathability.** Measured in MVP (Moisture Vapour Permeability).



NEW OPALO

288CSHUG grey

288CSHUAM navy blue

SOFTSHELL HYBRID JACKET

Chest 285g/m² /Sleeves 290g/m²



COMPOSITION:

Chest and back

Outer layer: Pongee 100% polyester 240T

Middle layer (membrane): 100% TPU thermo-adhered plastic

Padding: Nonwoven fabric wadding 100% polyester

Inner layer: 100% polyester 240T pongee

Sleeves and side panels

Outer layer: 94% polyester 6% elastane

Middle layer (membrane): 100% TPU thermo-adhered plastic

Inner layer: 100% polyester brushed fleece

- Feather-type padding on the front, greater thermal protection.
- Interior in collar and sleeves in brushed fleece fabric.
- Raglan sleeves for ease of movement.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	300 mvp



NILO

288CSGMG grey

288CSGMAM navy blue

TRIPLE LAYER SOFTSHELL JACKET 290g/m²



COMPOSITION:

Outer layer: 94% polyester 6% elastane

Middle layer (membrane): 100% TPU thermo-adhered plastic

Inner layer: 100% polyester brushed fleece

- Straight fit pattern in chest to facilitate mobility.
- Inner neck seam with orange contrast fabric band to prevent chafing against the skin.
- Double stitching at seams for added strength.
- 3 exterior pockets with zips for easy opening.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**



WARM SOFTSHELL L JACKETS AND TROUSERS
Third layer_Insulation from the outside



CUARZO

288CS3G grey

288CS3AZ azure blue

288CS3NE black

288CS3AM navy blue

TRIPLE LAYER SOFTSHELL JACKET 320g/m²



COMPOSITION:

Outer layer: 100% Polyester

Middle layer (membrane): 100% TPU thermo-adhered plastic

Inner layer: 100% polyester microfiber fleece

- Breathable, elastic and water resistant.
- Zip pocket on chest.
- 2 side pockets with zip.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**



IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	300 mvp



NJORD

288PAS3NE black

TRIPLE LAYER SOFTSHELL TROUSERS 320g/m²



COMPOSITION:

Outer layer: 100% Polyester

Middle layer (membrane): 100% Polyurethane (TPU)

Inner layer: 100% polyester microfiber fleece

- Straight fit design for easy mobility.
- Overlapping knee pads made of extra-resistant fibres.
- Fabric elastic and water resistant.
- Waterproof zips.
- Special pocket for mobile phone and tools.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**

WARM JACKET
Third layer_Insulation from the outside



NAUTIC

288CPAM navy blue

288CPNE black

288CPAZ azure blue

NAUTICAL JACKET Fleece lining 540g/m²



COMPOSITION:

Outer: 100% nylon Taslon/AC 228T (80g/m²)

Padding: 100% Polyester 200g/m²

Inner: 100% polyester fleece (260g/m²)

- Lightweight, comfortable and warm jacket.
- Extra high collar and inner fleece lining.
- Brushed knit collar with stowable hood.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 2XL**



EN ISO 13688

PARKAS COATS
Third layer_Insulation from the outside



SIROCO

288PCRAM navy blue

PARKA COAT 440g/m²



COMPOSITION:

Outer layer: Polyester_190T/PVC 200g/m²

Padding: 100% polyester 180g/m²

Inner layer: 100% polyester 60g/m²

- Parka with heat-sealed seams, ideal for work in humid environments.
- Retroreflective elements.
- Retractable hood.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



Elasticated waistband



GALERNA

288PKRAM navy blue

PARKA COAT TRIPLE USE 440g/m²



COMPOSITION:

Outer layer: Polyester_190T/PVC 200g/m²

Padding: 100% polyester 180g/m²

Inner layer: 100% polyester 60g/m²

- Parka with heat-sealed seams.
- Ventilation eyelets.
- Detachable sleeves on inner Husky to transform it into a vest.
- Retractable hood.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



Third layer:
Spacious design to improve mobility



Second layer:
Husky with lining
Inner polar fleece



Vest:
Detachable sleeves like a vest



LEVANTE

288PGMAM navy blue

PARKA COAT 380g/m²



COMPOSITION:

Outer layer: 100% Polyester 300D/TPU 180g/m²

Padding: 100% Polyester wadding 140g/m²

Inner layer: 100% Polyester taffeta 210T 60g/m²

- Heat-sealed seams in the hood, shoulders and armholes to provide protection against water.
- Retro-reflective trim on the back yoke piece. Heat transfer retro-reflective segments on arms and lower back.
- Hood with adjustable size via Velcro strap, retractable and/or detachable.
- Inner collar panel with fleece lining.
- Five pockets and adjustable sleeves using Velcro straps.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



MISTRAL

288PNRAM navy blue

NAUTICAL TYPE PARKA COAT 620g/m²



COMPOSITION:

Outer layer: 100% Polyester OXFORD 300D and PU 200g/m²

Padding: 100% polyester 160g/m²

Lining: 100% polyester fleece 160g/m² in the body and 100% polyester taffeta in the sleeves.

- Extra high collar with inner fleece lining for added warmth.
- Retractable hood with adjustable with by Velcro, visor and interior lining.
- Deflective details.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 2XL**



EN ISO 13688



Retractable hood with visor,
Adjustable with inner lining.

CLOTHING FOR EXTREME COLD
Third layer_Insulation from the outside



BOREAS

288P342NAM navy blue
COLD WEATHER-CERTIFIED PARKA 700g/m²

JUNO

288PA342NAM navy blue
COLD WEATHER-CERTIFIED TROUSERS 700g/m²



COMPOSITION:

Outer layer: 100% polyester OXFORD 300D 240g/m²

Padding: 100% polyester 180g/m²

Lining: 100% polyester fleece 280g/m²

- Certified up to -50° (depending on the exposure time and user activity) according to the **EN 342 standard**.
- High thermal insulation.

PARKA:

- Extra high collar and inner fleece layer that provides greater warmth.
- Removable hood with adjustable size using Velcro, with visor.
- Cuff adjustment with combined system.

TROUSERS WITH STRAPS:

- Rear dipped hem and chest edging. Reinforcement on knees.
- Straps with elastic section and plastic buckle closure.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 3XL**



EN 342



*Parka and trousers certified as a set.



WATERPROOF SUITS
Third layer_Insulation from the outside

188PAIV green

188PAIAM navy blue
POLYESTER/PVC WATERPROOF TROUSERS
Individual sales unit 140g/m²



COMPOSITION:

Outer layer: 100% polyester 150T

Inner layer: Thermo-bonded PVC

- Trousers with elastic waistband. False pockets to access the inner garment.

Units Box: **20**

Min Order: **1 unit**

SIZES: **M to 2XL**



EN 343



188TAPV green

188TAPAM navy blue
POLYURETHANE WATERPROOF SUIT 175g/m²



COMPOSITION:

Outer layer: 100% Polyurethane

- Composed of a jacket with a retractable hood and trousers with heat-sealed seams.
- Trousers with elastic waistband. False pockets to access the inner garment. Ankle adjustment via snap buttons.
- Jacket with 2 flap pockets. Prevents water entry. Double closure Front: zip and Velcro placket.

Units Box: **20**

Min Order: **1 unit**



EN 343



WATERPROOF SUITS

Third layer_Insulation from the outside



188TAIAM navy blue

188TAIY yellow

188TAIV green

POLYESTER/PVC WATERPROOF SUIT

Engineer type 180g/m²



COMPOSITION:

Outer layer: 100% polyester 150T

Inner layer: Thermo-bonded PVC

- Composed of a jacket with a retractable hood and trousers with heat-sealed seams.
- Trousers with elastic waistband. False pockets to access the inner garment.
- Jacket with 2 pockets.

Units Box: **20**

Min Order: **1 unit**

SIZES: **S to 3XL**



EN ISO 13688



EN 343



188TAPPV green

188TAPPA navy blue

PU/PVC/PES WATERPROOF SUIT 300g/m²



COMPOSITION:

Outer layer: 100% Polyurethane

Middle layer: 100% PVC

Inner layer: 100% Polyester

- Semi-PU (PU+PVC+PES) waterproof suit consisting of a jacket with a retractable hood and polyurethane trousers with heat-sealed seams.

Units Box: **10**

Min Order: **1 unit**

SIZES: **S to 2XL**



EN ISO 13688



EN 343



188TA32Y yellow

188TA32AM navy blue

188TA32V green

PVC WATERPROOF SUIT 400g/m²



COMPOSITION:

Outer layer: 100% PVC

Middle layer: 100% polyester mesh

Inner layer: 100% PVC

- Jacket with hood and trousers.
- Heat-sealed seams.
- Jacket: with injected zip and placket with snap closure.
- Trousers: with elastic waist and ankle adjustment using snaps. Pockets without bottom for access to garment inside.
- Fly opening and snap closure.

Units Box: **10**

Min Order: **1 unit**

SIZES: **M to 3XL**



EN ISO 13688



EN 343



188POAV green

PVC WATERPROOF 180g/m²



COMPOSITION:

Outer layer: 100% PVC

- Heat-sealed seams.
- 2 snaps on each side to gain insulation and close the garment in sleeve mode.

Units Box: **30** Min Order: **1 unit**

SIZE: **XL**



EN ISO 13688



EN 343



Model regulations



FIREPROOF Heat and flame protective clothing

EN ISO 11612

- A: Limited flame spread (A1-A2).
- B: Convective heat (B1-B2-B3).
- C: Radiant heat (C1-C2-C3-C4).
- D: Cast Aluminium Splashes (D1-D2-D3).
- E: Cast Iron Splashes (E1-E2-E3).
- F: Contact heat (F1-F2-F3).



Clothing to protect against brief, accidental contact with heat or sparks

EN ISO 14116

For longer exposure, additional protection is needed. Workwear certified according to EN ISO 14116 reduces the possibility of safety clothing catching fire and posing a safety hazard to the user.



ANTISTATIC Protective clothing with electrostatic properties

EN 1149-5

It ensures that the garment dissipates and does not accumulate electrostatic charges that could generate an electrical spark that acts as an ignition source in an atmosphere classified as explosive.



WELDING Protective clothing for welders and related processes

EN ISO 11611

- CLASS 1 Small welding sparks (thinner fabrics)
- CLASS 2 Large welding sparks (thicker, higher-tech fabrics or split leathers)



ELECTRIC ARC Protective clothing against the thermal hazards of an electric arc

EN 61482 1-2

They prevent or minimise burns that the user may suffer from the effects of an electric arc. The garments tested by this method are classified: Class 1 (4kA) and Class 2 (7kA), thus trying to simulate the different degrees of exposure.

Other items present in this wardrobe

EN ISO 20471 **HIGH VISIBILITY** Clothing for user signalling



X Keeps employees safe while they focus on their work. Employees will be visible at night, during the day, and from any angle, even from behind where it is impossible for them to see.

EN 17353 **ENHANCED VISIBILITY**

Clothing to enhance the user's presence in medium risk situations.



KITS
Fabrics with permanent flame-retardant properties



988CIAMAM navy blue

FLAME-RESISTANT/ANTISTATIC JACKET

Fabric with permanent properties 250 g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Fabric with permanent fire-retardant properties that do not disappear with washing.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver, in a highly visible area, to facilitate tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION:
60% modacrylic/38% cotton/2% polyamide. Seams with meta-aramid thread.

EN ISO 13688

Cat.III

Units Box: 20

Min Order: 1 unit

SIZES: 48/50 to 68/70



988PIAMAM navy blue

FLAME-RESISTANT/ANTISTATIC TROUSERS

Fabric with permanent properties 250 g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Fabric with permanent fire-retardant properties that do not disappear with washing.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver, in a highly visible area, to facilitate tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION:
60% modacrylic/38% cotton/2% polyamide. Seams with meta-aramid thread.

EN ISO 13688

Cat.III

Units Box: 20

Min Order: 1 unit

SIZES: 38/40 to 62/64



988CAIAMAM navy blue

FLAME-RESISTANT/ANTISTATIC SHIRT

Fabric with permanent properties 180 g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Fabric with permanent fire-retardant properties that do not disappear with washing.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver, in a highly visible area, to facilitate tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION:
60% modacrylic/38% cotton/2% polyamide. Seams with meta-aramid thread.

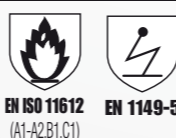
EN ISO 13688

Cat.II

Units Box: 25

Min Order: 1 unit

SIZES: 37/38 to 51/52



988TSIAAM navy blue

FLAME-RESISTANT/ANTISTATIC T-SHIRT

XISPAL knitted fabric with permanent properties 160 g/m²

- Resistant to washing. Xispal RS® knitted fabric.
- Heat protection, anti-static protection and also protects against electric arc. Permanent fireproof fabric.
- Complies with the OEKO-TEX standard. 100. Pictograms and certified standards, engraved on the sleeve in white.

COMPOSITION: 50% Cotton / 39% modacrylic / 10% viscose / 1% Anti-static Fiber
Ched thread: 100% Meta-aramid.

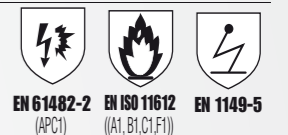
EN ISO 13688

Cat.III

Units Box: 50

Min Order: 1 unit

SIZES: XS to 3XL



988BIAMAM navy blue

FLAME-RESISTANT/ANTISTATIC COVERALL

Fabric with permanent properties 250 g/m²

- Protection against heat and flame, welding and related processes, and the thermal effects of the electric arc.
- Fabric with permanent flame-retardant properties that do not diminish with washing.
- Pictograms and certified standards, applied by heat transfer in silver retro-reflective colour, in a highly visible location, facilitating compliance with occupational risk prevention requirements in the metallurgical, petrochemical and naval industries.

COMPOSITION:
60% modacrylic/38% cotton/2% polyamide. Seams with meta-aramid thread.

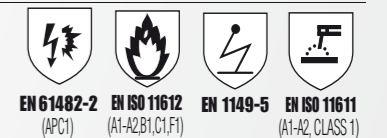
EN ISO 13688

Cat.III

Units Box: 10

Min Order: 1 unit

SIZES: 48/50 to 68/70



988PAIAMAM navy blue

FIREPROOF and ANTISTATIC BALACLAVA

Fabric with permanent properties 210 g/m²

- Heat and flame environments, and welding, where an antistatic garment is also required (ATEX environments).

COMPOSITION:
49% modacrylic/49% cotton/2% Anti-static Fiber. Seams with meta-aramid thread.

Units Box: 50

Min Order: 1 unit

SIZE: One-size

KITS
Flame-retardant and antistatic fabrics



988POIAM navy blue
FLAME-RESISTANT/ANTISTATIC POLO SHIRT
Fabric with permanent properties 200 g/m²

- Shirt collar. Very lightweight fabric that increases comfort and reduces thermal stress.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver.

COMPOSITION: 60% Modacrylic, 38% cotton and 2% polyamide. Seams with meta-aramid thread.

Units Box: **50** Min Order: **1 unit**
SIZES: **XS to 5XL**
EN ISO 13688 Cat.III



988POFIYFAM yellow / navy blue
FLAME-RESISTANT/ANTI-STATIC POLO SHIRT. HIGH VISIBILITY
Fabric with permanent properties 200 g/m²

- Elastic adjustments at waist and cuffs. Flame retardant retroreflective bands.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver.
- Fabric properties resistant for 25 washes.

COMPOSITION: 60% Modacrylic, 38% cotton and 2% polyamide. Seams with meta-aramid thread.

Units Box: **20** Min Order: **1 unit**
SIZES: **S to 4XL** EN ISO 13688 Cat.III



988POIRSAM navy blue
FLAME RETARDANT/ANTISTATIC POLO SHIRT WITH SEGMENTED BANDS
Fabric with permanent properties 200 g/m²

- Shirt collar. Very lightweight fabric that increases comfort and reduces thermal stress.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver.
- Fabric properties resistant for 25 washes.

COMPOSITION: 60% Modacrylic, 38% cotton and 2% polyamide. Seams with meta-aramid thread.

Units Box: **25** Min Order: **1 unit**
SIZES: **XS to 5XL** EN ISO 13688 Cat.III



Segmented Bands



988VFIAYF yellow
FLAME-RESISTANT/ANTI-STATIC VEST. HIGH VISIBILITY
Fabric 130 g/m²

- For dangerous situations of low visibility/where an antistatic garment is also required (ATEX environments).
- Flame retardant retroreflective bands. Pictograms and certified standards, engraved by heat transfer.
- Fabric properties resistant for 25 washes.

COMPOSITION: 98% Poliéster / 2% antistatic thread. Seams with meta-aramid thread.

Units Box: **50** Min Order: **1 unit**
SIZES: **M to 2XL** EN ISO 13688 Cat.III



KITS
Flame-retardant and antistatic fabrics



988CICAM navy blue
FLAME-RESISTANT/ANTI-STATIC JACKET
Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION: 98% treated cotton / 2% antistatic fibre. Seams with meta-aramid thread.

EN ISO 13688 Cat.III
Units Box: **20** Min Order: **1 unit**
SIZES: **48/50 to 68/70**



988PICAM navy blue
FIREPROOF AND ANTISTATIC TROUSERS
Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION: 98% treated cotton / 2% antistatic fibre. Seams with meta-aramid thread.

EN ISO 13688 Cat.III
Units Box: **20** Min Order: **1 unit**
SIZES: **38/40 to 62/64**

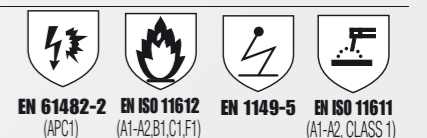


988CAICAM navy blue
FLAME-RESISTANT/ANTI-STATIC SHIRT
Treated cotton 220g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION: 98% treated cotton / 2% antistatic fibre. Seams with meta-aramid thread.

EN ISO 13688 Cat.III
Units Box: **20** Min Order: **1 unit**
SIZES: **37/38 to 51/52**



KITS
Flame-retardant and antistatic fabrics



988PKICAM navy blue

FLAME-RETARDANT AND ANTISTATIC PARKA
Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc. Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION:

Outer layer: 98% cotton (treated) and 2% polyamide

Middle layer (wadding) Polyester wadding

Inner layer: treated cotton. Seams with meta-aramid thread.

EN ISO 13688

Cat. III

Units Box: 5

Min Order: 1 unit

SIZES: S to 3XL



988BICAM navy blue

FIREPROOF AND ANTISTATIC COVERALLS
Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance to the flame-retardant properties of the fabric for washes.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver to facilitate tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION: 98% treated cotton / 2% antistatic fibre. Seams with meta-aramid thread.

EN ISO 13688

Cat. III

Units Box: 10

Min Order: 1 unit

SIZES: 48/50 to 68/70



Enhanced visibility **EN 17353**

988BIRNAM navy blue

FLAME-RESISTANT AND ANTISTATIC COVERALLS WITH REFLECTIVE STRIPS
Treated cotton 260 g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Elasticated fit at high back waist and shirt collar with Velcro closure.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION: 98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

EN ISO 13688

Cat. III

Units Box: 10

Min Order: 1 unit

SIZES: 48/50 to 68/70



KITS
Fireproof and anti-static gear Enhanced visibility **EN 17353**



988CIRAM navy blue

FLAME-RESISTANT AND ANTISTATIC JACKET WITH REFLECTIVE STRIPS
Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION:

98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

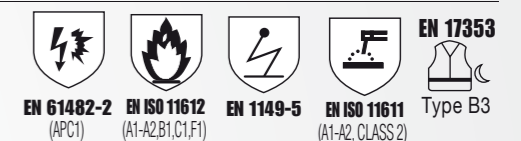
EN ISO 13688

Cat. III

Units Box: 20

Min Order: 1 unit

SIZES: 48/50 to 68/70



988PIRAM navy blue

FLAME-RETARDANT AND ANTISTATIC TROUSERS WITH REFLECTIVE STRIPS
Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the back pocket flap for occupational risk prevention in the metallurgical, petrochemical and naval industries.

COMPOSITION:

98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

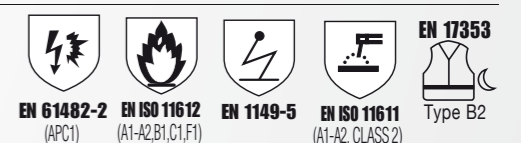
EN ISO 13688

Cat. III

Units Box: 20

Min Order: 1 unit

SIZES: 38/40 to 62/64



988CAIRAM navy blue

FLAME-RETARDANT AND ANTISTATIC SHIRT WITH REFLECTIVE STRIPS
Treated cotton 220g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve. Occupational risk prevention in the metallurgical, petrochemical and naval industries.

COMPOSITION:

98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

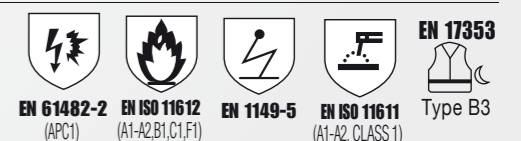
EN ISO 13688

Cat. III

Units Box: 25

Min Order: 1 unit

SIZES: 37/38 to 51/52



KITS

Fireproof and anti-static gear. High visibility **EN ISO 20471**



988CIAVAM navy blue

FLAME-RESISTANT AND ANTISTATIC JACKET WITH REFLECTIVE STRIPS

Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Shirt collar with Velcro. Elastic adjustments at waist and cuffs.
- Front closure with metal zipper and front flap with 4 Velcro points.
- 50mm mixed material reflective tapes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.
- COMPOSITION: 98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

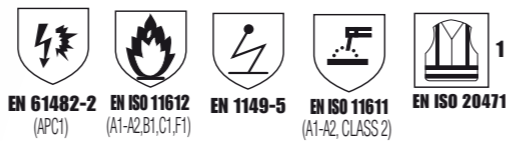
EN ISO 13688

Cat.III

Units Box: 20

Min Order: 1 unit

SIZES: 48/50 to 68/70



988PIAVAM navy blue

FLAME-RESISTANT AND ANTISTATIC TROUSERS WITH REFLECTIVE STRIPS

Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the back pocket flap for occupational risks in the metallurgical, petrochemical and naval industries.
- COMPOSITION: 98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

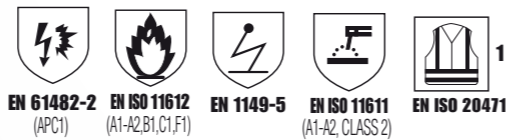
EN ISO 13688

Cat.III

Units Box: 20

Min Order: 1 unit

SIZES: 38/40 to 62/64



988CAIAVAM navy blue

FLAME-RESISTANT AND ANTISTATIC SHIRT WITH REFLECTIVE STRIPS

Treated cotton 220g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Elastic cuff adjustment. Front closure with metal snaps and flap.
- 50mm mixed material reflective tapes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.
- COMPOSITION: 98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

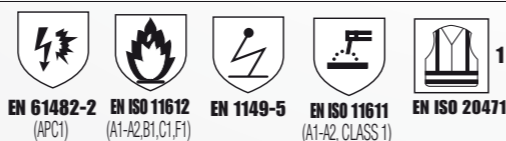
EN ISO 13688

Cat.III

Units Box: 25

Min Order: 1 unit

SIZES: 37/38 to 51/52



Fireproof and anti-static gear. High visibility **EN ISO 20471**

KITS



988BIAVAM navy blue

FLAME-RESISTANT AND ANTISTATIC OVERALLS WITH REFLECTIVE STRIPS

Treated cotton 260g/m²

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame-retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.
- COMPOSITION: 98% treated cotton / 2% polyamide. Seams with meta-aramid thread.

EN ISO 13688

Cat.III

Units Box: 10

Min Order: 1 unit

SIZES: 48/50 to 68/70



KITS

Fireproof and anti-static gear. High visibility **EN ISO 20471**



WELDING KITS



988CFYICYFA yellow/navy blue 260 g/m²
HIGH VISIBILITY FLAME RETARDANT/ANTISTATIC JACKET

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION: **Contrast:** (navy blue) 98% treated cotton and 2% polyamide.
Base: (fluorescent yellow) 80% treated cotton, 19% Polyester and 1% polyamide. Seams with meta-aramid thread.

EN ISO 13688 Cat.III
 Units Box: 20 Min Order: 1 unit
 SIZES: 48/50 to 68/70



988PFYICAM yellow/navy blue 260 g/m²
FLAME RETARDANT/ANTISTATIC HIGH VISIBILITY TROUSERS

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Pictograms and certified standards, engraved on the sleeve for occupational risks in the metallurgical, petrochemical and naval industries.

COMPOSITION: **Contrast:** (navy blue) 98% treated cotton and 2% polyamide.
Base: (fluorescent yellow) 80% treated cotton, 19% Polyester and 1% polyamide. Seams with meta-aramid thread.

EN ISO 13688 Cat.III
 Units Box: 20 Min Order: 1 unit
 SIZES: 38/40 to 62/64



*Consult class-combination EN ISO 20471 for trousers

888MDG
WELDING APRON
 Waist adjustment with buckle

COMPOSITION:
 100% natural suede leather

Units Box: 25 P. Min: 1 unit
 SIZE: One-size Cat.II



888PLG
WELDING GAITERS
 Velcro closure

COMPOSITION:
 100% natural suede leather

Units Box: 25 P. Min: 1 unit
 SIZE: One-size Cat.II



888CHSG
WELDING JACKET
 Velcro closure

COMPOSITION:
 100% natural suede leather

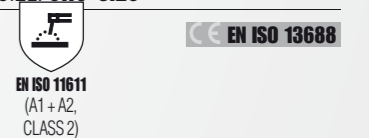
Units Box: 10 P. Min: 1 unit
 SIZES: 10 y 12 Cat.II



888MGG
WELDING SLEEVE
 Elbow-length Elastic cuffs

COMPOSITION:
 100% natural suede leather

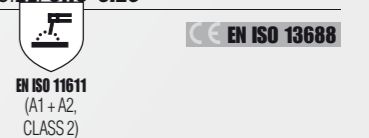
Units Box: 25 P. Min: 1 unit
 SIZE: One-size Cat.II



888MGHG
WELDING SLEEVE
 Shoulder-length Elastic cuffs

COMPOSITION:
 100% natural suede leather

Units Box: 25 P. Min: 1 unit
 SIZE: One-size Cat.II





STEELGEN DISPOSABLE CLOTHING CHEMICAL PROTECTION CATEGORY III



TYPE3B

TYPE 3. Protection against pressurised liquid chemical agents. Clothing with sealed seams that protects against liquids.

EN 14605

TYPE4B



TYPE 4. Protection against liquid sprays. Aerosol protective clothing, with sealed seams between the different parts of the clothing.

EN 14605

TYPE5B



TYPE 5. Protection against dust and solid particles. Chemical protective clothing that protects the entire body to prevent dust or any solid particles suspended in the air from penetrating.

EN ISO 13982-1

TYPE6B



TYPE 6. Protection against small liquid splashes. It is the lowest level of chemical protection, and they are suits that can be used whenever a complete permeation barrier against chemical liquids is not needed. They are designed to protect against small sprays or accidental splashes of low volume and low pressure.

EN13034

PROTECTION AGAINST OTHER RISKS

antistatic



EN 1149-5

biological



EN 14126

radioactive particles



EN 1073-2



CHEMICAL RISK PROTECTION



1188B3456Y STEELGEN 5000 DISPOSABLE COVERALL

Chemical risk type 3, 4, 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5). Protection against radioactive particles (EN1073-2).

- Silicone and latex free with three-piece hood.
 - Front zip closure with adhesive flap. Elastic adjustment on hood and waist, cuffs and ankles.
 - Heat-sealed seams. Finger holders on sleeves and chin cover.
 - Antistatic overalls on both sides.
- COMPOSITION: 60% Polypropylene and 40% Polyethylene (82 grams/m²).

USES

Industrial, chemical industry, handling of particles (fiberglass, toxic powders, asbestos...), industrial cleaning (tanks...), cleanrooms, paint spraying, activities with biological risk (agriculture, veterinary, organic decomposition, waste, food...), pharmaceutical sector, shipbuilding, confined spaces (tunnels, mining...), petrochemical sector.

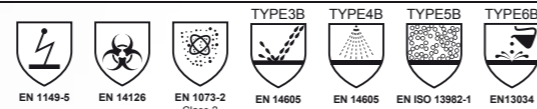
EN ISO 13688

Cat.III

Units Box: 20

Min Order: 1 unit

SIZES: S to 3XL



1188B456PBL STEELGEN 3000 DISPOSABLE COVERALL

Chemical risk type 4, 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5). Protection against radioactive particles (EN1073-2).

- Silicone and latex free with three-piece hood.
- Front zip closure with adhesive flap. Elastic adjustment on hood and waist, cuffs and ankles.
- Finger holders on sleeves and chin cover. Antistatic overalls on both sides.

COMPOSITION: 55% Polypropylene (SP) and 45% Polyethylene (Microporous film) (60 grams/ m²).

USES

Maintenance of swimming pools, workshops, nautical activities..., handling of particles (fiberglass, toxic dust, asbestos...), cleaning, industrial painting, cleanrooms, activities with biological risk (agriculture, veterinary medicine, organic decomposition, waste, food processing...), pharmaceutical sector, shipbuilding, confined spaces (tunnels, mining...)

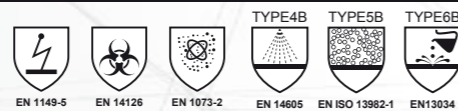
EN ISO 13688

Cat.III

Units Box: 25

Min Order: 1 unit

SIZES: S to 3XL



1188B56PROBL STEELGEN 1000 DISPOSABLE COVERALL

Chemical risk type 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5). Protection against radioactive particles (EN1073-2).

- Silicone and latex free with three-piece hood. Front zip closure with flap.
- Elastic adjustment on hood and waist, cuffs and ankles. Antistatic overalls on both sides.

COMPOSITION: 55% Polypropylene (SP) and 45% Polyethylene (Microporous film) (60 grams/ m²).

USES

Maintenance of swimming pools, workshops, nautical activities..., handling of particles (fiberglass, toxic powders, asbestos...), cleaning, low-hazard chemicals...in environments where there is a risk of flame (petrochemical platforms, ATEX environments, distribution and handling of fuels...).

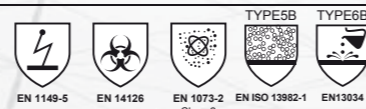
EN ISO 13688

Cat.III

Units Box: 25

Min Order: 1 unit

SIZES: S to 3XL



PROTECTION AGAINST OTHER NON-CHEMICAL RISKS



Disposable polypropylene clothing, where chemical protection of the user is not necessary; Avoid stains on clothing, such as hygiene items (when visiting factories and the food industry) ...etc.



1188BPPEBL STEELGEN DISPOSABLE COVERALL

- 100% Polypropylene 30 g/m².
- Zip and elastic closure on the hood, wrists, ankles and waist.

Units Box: 50

Min Order: 10 unit

SIZES: M to 2XL

1188CPPEBL STEELGEN DISPOSABLE SHOE COVERS

- 100% Polypropylene 30 g/m². With elastic.
- (Minimum price and units = 1 Pack of 100 units)

Units Box: 10

Min Order: 1 unit

SIZE: One size

1188GPPEBL STEELGEN DISPOSABLE CAP

- 100% Polypropylene 12 g/m². With elastic.
- (Minimum price and units = 1 Pack of 100 units)

Units Box: 10

Min Order: 1 unit

SIZE: One size

1188BAPPEBL STEELGEN DISPOSABLE GOWN

- 100% Polypropylene 30 g/m².
- Four-point Velcro closure.

Units Box: 50

Min Order: 10 unit

SIZE: S to 2XL



Guide to symbols and updates EN ISO 20345:2022

Minimum requirements	Acronyms	S1	S2	S3	S4	S5	S6	S7
Material	-	Leather/ Microfiber	Leather/ Microfiber	Leather/ Microfiber	Polymer (Rubber)	Polymer (Rubber)	Leather/ Microfiber	Leather/ Microfiber
Top cap resistant to 200J	-	✓	✓	✓	✓	✓	✓	✓
Antistatic Footwear	A	✓	✓	✓	✓	✓	✓	✓
Energy absorption in the heel	E	✓	✓	✓	✓	✓	✓	✓
Water resistance of the cut	WPA	-	✓	✓	-	-	✓	✓
Total waterproofing	WR	-	-	-	(Implicit)	(Implicit)	✓	✓
Anti-perforation insole	P/PL/PS	-	-	✓	-	✓	-	✓
Sole with cleats/relief	-	-	-	✓	-	✓	-	✓
Hydrocarbon resistant	FO	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Slip Resistance	SR	△	△	△	△	△	△	△

1. Interpretation of the Table

- ✓ **(Check): Mandatory Requirement.** It indicates that the footwear strictly complies with that specific protection to obtain its category.
- **(Script): Not required.** It indicates that the standard does not require this feature for that category (although the model could include it as an additional feature).

2. Classification by Material

- Class I**
(S1, S1P, S2, S3, S6, S7): Footwear made of leather, textile or microfiber.
- Class II**
(S4, S5): All-rubber or polymer footwear (waterproof boots), watertight by definition.

3. Updates:

- Types of Anti-Perforation Insoles (P, PL, PS)** The standard now requires us to specify what type of nail the insole resists. This affects the S1P, S3, S5, and S7 categories:
 - P: Metal insole** (traditional nail test 4.5 mm).
 - PL: Non-Metallic Insole** (test with thick nail "Large" 4.5 mm).
 - PS: Non-Metallic Insole** (fine nail test "Small" 3 mm).

4. The S1P case

Dry Environments) S1P footwear remains the star choice for indoors or summer. It combines the features of the S1 (breathability, toe cap, antistatic) with the anti-perforation insole, without water resistance. Depending on your template, it will, now be marked as: S1P, S1PL or S1PS.

5. Water Resistance (WPA vs WR)

- WPA** (Water Penetration and Absorption): It replaces the old WRU. Ensures that the skin/cut repels water (Mandatory in S2, S3, S6, S7).
- WR** (Water Resistance): Total waterproofing of the shoe (membrane). This is the big update that creates the S6 (S2 waterproof) and S7 (S3 waterproof) categories.

6. Changes in Additional Markings

- ⊙ **FO (Hydrocarbons):** It becomes OPTIONAL. Even if the sole is oil-resistant, check that it has the marking. FO if your job requires it.
- △ **SR (Anti-slip):** SRA, SRB and SRC disappear. Basic resistance is mandatory for everyone. The SR marking only appears if the footwear passes an extra test of maximum demand (glycerin on ceramic).



LIGHT EVOLUTION safety footwear EN ISO 20345

- **Cushioning.** Absorbing impact energy to avoid damaging joints and avoiding overload.
- **Lightness.** Energy savings and ergonomics.
- **Flexibility.** All types of movements.
- **Mechanical resistance to abrasion and traction.**
- **Stability.**

ESD FOOTWEAR

For electrostatic protection areas.

*Ref 1688 ZLENE / BLENE in automotive, laboratories, household appliances, research, aeronautics, high tech, water treatment, etc.



In ATEX atmospheres chemical, pharmaceutical, oil, gas, painting, energy, wood, workshops, storage.



Et-TPU INSERT Thermoplastic Polyurethane expansion

Energy savings, reduction of fatigue, reduction of diseases and dysfunctions of the feet (anatomical anomalies, plantar fasciitis, talalgias... etc.), increased comfort and safety for the user.

General use in jobs with high physical activity (long journeys, extended periods of standing, stairs, transport and storage, maintenance...).

Double density polyurethane SOLE

Lightness and flexibility.



Grooves for evacuation of liquids, oils and hydrocarbons.



Fiberglass safety stop.
Resistance: 200J

Antistatic Insole

Conductive static energy.

*Ref: 1688 ZLE / BLE

Antibacterial Ergonomic distribution to reduce plantar pressure.

Anti-perforation insole.

Non-metallic. Puncture resistant up to 1,100 N



METAL Free



S3L

METAL Free



1688ZLENE CENTURIÓN

S3L / WPA / FO / SR / E / A

- Water-repellent breathable microfiber suede
- Anti-perforation insole textile
- Insole Moulded PU Foam
- PU/PU sole. E-TPU insert in heel
- Safety toe: Fibreglass

Logistics, transport, delivery, warehousing, work in wet areas, automotive and manufacturing, industry in general.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

S3L

METAL Free



1688BLENE MINERVA

S3L / WPA / FO / SR / E / A

- Water-repellent breathable microfiber suede
- Anti-perforation insole textile
- Insole Moulded PU Foam
- PU/PU sole. E-TPU insert in heel
- Safety toe: Fibreglass

Logistics, transport, delivery, warehousing, work in wet areas, automotive and manufacturing, industry in general.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

S1PL

METAL Free



1688ZLEFNE DRACO

S1PL / FO / SR / E / A

- Synthetic mesh. Breathable with microfiber and TPU reinforcements
- Anti-perforation insole textile
- Insole Moulded PU Foam
- PU/PU sole. E-TPU insert in heel
- Safety toe: Fibreglass

Logistics, transport, delivery, warehousing, work in wet areas, automotive and manufacturing, industry in general.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10

Min Order: 1 pair

SIZES: 35 to 47

EXTRALIGHT SAFETY FOOTWEAR EN ISO 20345

Made with a new generation material, injected through a patented modelling process that guarantees its intrinsic properties:

- 1. Lightness and comfort.** Low density (0.11-0.50g/cm³), good physical and mechanical properties (abrasion DIN 53516/77, 95/285 mm³) and excellent tactile appearance (hardness 20-50 Edge A).
- 2. Resistance.** Material made from closed-cell structure that does not absorb substances or external agents (water, chemical agents). Resistant to atmospheric conditions (especially low temperatures), bacteria, UV rays, and to ageing and discolouration.
- 3. Cushioning.** Absorbing up to 50% more than conventional soles.
- 4. Eco-friendly.** The production cycle is designed to limit material waste, uses clean energy from photovoltaic systems, and its materials are completely free of solvents and harmful substances and of heavy materials.

*Not recommended for heavy industry and construction



METAL
Free



Conformed PU insole.

Ergonomic distribution to reduce plantar pressure.

Nanocomposite safety toe cap

Resistance: 200J



Textile Anti-perforation insole. BIONIC LAYER. Puncture resistant up to 1,100 Nt

EXTRALIGHT® SOLE

S1PS

METAL Free



1688ZQX2NER QART X2

S1PS / FO / SR / E / A

- Knit upper with TPU Melt reinforcement at the toe
- Bionic Layer® anti-perforation insole
- XL Extralight® sole
- Insole Moulded PU Foam
- Safety toe: Nanotechnology

Logistics, transport, delivery, warehousing, work in wet areas, automotive and manufacturing, industry in general.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

S3S

METAL Free



1688ZQX3NE QART X3

S3S / WPA / FO / SR / E / A

- Microfiber cut, waterproof and breathable
- Bionic Layer® anti-perforation insole
- XL Extralight® sole
- Insole Moulded PU Foam
- Safety toe: Nanotechnology

Logistics, transport, delivery, warehousing, work in wet areas, automotive and manufacturing, industry in general.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

BIONIC LAYER ANTI-PERFORATION INSOLE

Textile insole created for the American navy, it offers the same protection characteristics as a conventional one, but with much greater flexibility, lightness and comfort. It is also breathable and perfectly absorbs both energy impacts and sweat. Bionic Layer, an improvement to the continuation of our foot...

NANOCOMPOSITE SAFETY TOECAP

State-of-the-art toecap manufactured using carbon nanotubes arranged in a honeycomb structure and wrapped in a cylinder that is between 10 and 50 nanometres in diameter. Once these tubes are intertwined, and combined with a fibreglass resin, they are capable of creating one of the strongest and lightest safety toe caps on the market.



FLEXAIR SAFETY FOOTWEAR EN ISO 20345



Lightweight polyurethane, maximum flexibility

The use of reduced density polyurethane incorporates closed micro-cells to decrease the specific weight of the material without compromising its mechanical strength. This cellular structure provides a high energy absorption capacity and an improved stiffness-to-mass ratio, reducing user fatigue during prolonged walking or dynamic work cycles.

Work environments with awkward postures

In tasks that require repeated flexion of the foot, such as work in industrial environments, equipment maintenance or handling activities in crouching positions, the flexible structure of the sole minimizes the accumulated stress on joints and plantar fascia.

Insole Moulded PU Foam.

Ergonomic distribution to reduce plantar pressure.

Fibreglass safety toe cap.

Resistance: 200J

Textile Anti-perforation insole.

Puncture resistant up to 1,100 N

METAL Free

FLEXAIR SOLE
Double density polyurethane



S3L

METAL Free



S1PL

METAL Free



S3L

METAL Free



S1PS

METAL Free



1688ZFZ1AG FLEXUM Z1

S3L / WPA / FO / SR / E / A

- Microfiber suede/hubuck (water-repellent and breathable)
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Very good flexural and torsional behaviour, water resistant, suitable for logistics, transport, delivery, warehousing, general industry, etc.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

1688ZFZ2GR FLEXUM Z2

S1PL / FO / SR / E / A

- Breathable synthetic mesh, microfiber reinforcements
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Very good flexural and torsional behaviour, water resistant, suitable for logistics, transport, delivery, warehousing, general industry, etc.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

1688ZFZ3GN FLEXUM Z3

S3L / WPA / FO / SR / E / A

- Microfiber suede/hubuck (water-repellent and breathable)
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Very good flexural and torsional behaviour, water resistant, suitable for logistics, transport, delivery, warehousing, general industry, etc.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

1688ZFZ4YFA FLEXUM Z4

S1PS / FO / SR / E / A

- Breathable synthetic mesh, microfiber reinforcements
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Very good flexural and torsional behaviour, water resistant, suitable for logistics, transport, delivery, warehousing, general industry, etc.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10

Min Order: 1 pair

SIZES: 36 to 47

FLEXAIR SAFETY FOOTWEAR EN ISO 20345



1688ZFZ5GYF FLEXUM Z5

S3S / WPA / FO / SR / E / A

- Knit with water-repellent treatment
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Safety toe cap and anti-perforation insole, ESD electrostatic discharge, with very good flexural and torsion behaviour, lightweight and comfortable.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47



1688ZFZ5RGYF FLEXUM Z5R

S3S / WPA / FO / SR / E / A

- Knit with water-repellent treatment
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Safety toe cap and anti-perforation insole, ESD electrostatic discharge, with very good flexural and torsion behaviour, lightweight and comfortable.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47



1688ZFZ6GNF FLEXUM Z6

S3S / WPA / FO / SR / E / A

- Knit with water-repellent treatment
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Safety toe cap and anti-perforation insole, ESD electrostatic discharge, with very good flexural and torsion behaviour, lightweight and comfortable.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47



1688ZFZ7GR FLEXUM Z7

S3S / WPA / FO / SR / E / A

- Knit with water-repellent treatment
- Textile anti-perforation sheet
- Dual density polyurethane sole DDPU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

Safety toe cap and anti-perforation insole, ESD electrostatic discharge, with very good flexural and torsion behaviour, lightweight and comfortable.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47

SPORT PLUS SAFETY FOOTWEAR EN ISO 20345



1688ZKR1GV SPORT K1

S3S / WPA / FO / SR / E / A

- Knit with water-repellent treatment
- Compressed textile anti-perforation insole
- Dual density polyurethane sole DDPU
- Moulded PU foam insole
- Safety toe cap: fiberglass with reinforced embossed microfiber toe cap and nubuck-type microfiber heel

General use where safety footwear is needed (safety toe cap and anti-perforation insole), ESD electrostatic discharge, with very good flexural and torsional behaviour, lightweight and comfortable.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47



1688ZKR2GN SPORT K2

S3S / WPA / FO / SR / E / A

- Knit with water-repellent treatment
- Compressed textile anti-perforation insole
- Dual density polyurethane sole DDPU
- Moulded PU foam insole
- Safety toe cap: fiberglass with reinforced embossed microfiber toe cap and nubuck-type microfiber heel

General use where safety footwear is needed (safety toe cap and anti-perforation insole), ESD electrostatic discharge, with very good flexural and torsional behaviour, lightweight and comfortable.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47



1688ZPR1NEA SPORT P1

S3S / WPA / FO / SR / E / A

- Technical PU. High tenacity polyester coated with PU
- Compressed textile anti-perforation insole
- Dual density polyurethane sole DDPU
- Moulded PU foam insole
- Safety toe cap: fiberglass with reinforced embossed microfiber toe cap and nubuck-type microfiber heel

General use where safety footwear is needed (safety toe cap and anti-perforation insole), ESD electrostatic discharge, with very good flexural and torsional behaviour, lightweight and comfortable.

EN ISO 20345 SAFETY FOOTWEAR

EN 61340-5-1 ESD FOOTWEAR (electrostatic discharge)

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47

SPLIT CLASSIC SAFETY FOOTWEAR EN ISO 20345



S7L
METAL Free
Water-repellent
Breathable

1688BSMEMA EMERITA MEMBRANA
S7L / WP / WPA / FO / SR / E / A

- Perforated suede leather and breathable synthetic mesh
- Textile anti-perforation sheet
- Sole Double density PU/ PU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

General use in multiple sectors and applications where water-repellent, breathable, lightweight and comfortable safety footwear (top and insole) is needed, such as agriculture and gardening, fishing, refrigerated warehouses, work in humid environments and in contact with water.

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 38 to 47

S1PL
METAL Free
Breathable

1688BSMEMA EMERITA
S1PL / FO / SR / E / A

- Perforated suede leather and breathable synthetic mesh
- Textile anti-perforation sheet
- Sole Double density PU/ PU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

General use in multiple sectors and applications where breathable, lightweight and comfortable safety footwear (top and insole) is needed, such as logistics, transporters and delivery drivers, warehousing, automotive and manufacturing and industry in general.

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 34 to 49

S1PL
METAL Free
Breathable

1688ZSAEA HISPALIS
S1PL / FO / SR / E / A

- Perforated suede leather and breathable synthetic mesh
- Textile anti-perforation sheet
- Sole Double density PU/ PU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

General use in multiple sectors and applications where breathable, lightweight and comfortable safety footwear (top and insole) is needed, such as logistics, transporters and delivery drivers, warehousing, automotive and manufacturing and industry in general.

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 34 to 49

S1PL
METAL Free
Breathable

1688ZSMEMA LUSITANIA
S1PL / FO / SR / E / A

- Perforated suede leather and breathable synthetic mesh
- Textile anti-perforation sheet
- Sole Double density PU/ PU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

General use in multiple sectors and applications where breathable, lightweight and comfortable safety footwear (top and insole) is needed, such as logistics, transporters and delivery drivers, warehousing, automotive and manufacturing and industry in general.

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 34 to 49

SPORTY TREKKING work footwear EN ISO 20347

Comfort and protection in professional environments without the need for a safety toe cap. Water-repellent upper keeps feet dry, while the non-slip sole provides excellent grip on demanding surfaces. It incorporates antistatic properties and energy absorption in the heel for greater comfort throughout the day. Intensive use, it combines resistance, stability and breathability. Ideal for outdoor work or humid environments.

METAL Free
Water-repellent
Breathable

1688BSPMA ARES
O2 / WRU / SRC / E / A

- Water-repellent split leather microfiber and mesh breathable synthetic
- Conformed EVA insole
- Sole Double density PU/ PU

General use in multiple sectors and applications where breathable, lightweight and comfortable safety footwear (top and insole) is needed, such as logistics, transporters and delivery drivers, warehousing, automotive and manufacturing and industry in general.

EN ISO 20347 WORK FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 38 to 47

BASIC LINE SAFETY FOOTWEAR EN ISO 20345



1688BBLENE SAGUNTO

S3L / WPA / FO / SR / E / A

- Water-repellent leather
- Textile anti-perforation sheet
- Sole Double density PU/ PU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

General use where comfortable safety footwear (safety toe cap and anti-perforation insole) is needed, such as logistics and transport, delivery drivers, warehouses, industry and in general, any work in wet areas.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 34 to 49



1688ZBMPROBL ADRIÁTICO

S2 / WPA / FO / SR / CI / E / A

- Water-repellent leather
- PU/Dual density rubber sole
- Conformed EVA insole
- Safety toe: Fibreglass

Used in multiple sectors and applications where white footwear with a safety toecap is needed in wet environments (S2), requiring the highest level of slip resistance (SRC), such as frozen transport, kitchens, food distribution, painting and decorating work...

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 35 to 47



1688ZBLENE TARRACO

S3L / WPA / FO / SR / E / A

- Water-repellent leather
- Textile anti-perforation sheet
- Sole Double density PU/ PU
- Insole Conformed EVA
- Safety toe: Fibreglass

General use where comfortable safety footwear (safety toe cap and anti-perforation insole) is needed, such as logistics and transport, delivery drivers, warehouses, industry and in general, any work in wet areas.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 34 to 49



1688BSOENE VULCANO

S3 / WPA / FO / SR / CI / E / A

- Water-repellent leather
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- EVA insole
- Metal safety toecap

Work related to welding processes and related techniques with a risk of molten metal splashes, sparks...and incandescent projections in general.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 38 to 47

CI: INSULATION against the cold of the ground (-17°C/ 30 minutes)

*The Velcro closure makes it easy to quickly remove the shoes.



1688BSBLENE ONUBA

S3L / WPA / FO / SR / E / A

- Water-repellent leather
- Textile anti-perforation sheet
- Sole Double density PU/ PU
- Insole Moulded PU Foam
- Safety toe: Fibreglass

General use where comfortable safety footwear (safety toe cap and anti-perforation insole) is needed, such as logistics and transport, delivery drivers, warehouses, industry and in general, any work in wet areas.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 38 to 47



1688BENE MASTIA

S1P / FO / SR / CI / E / A

- Black leather
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- Conformed EVA insole
- Metal safety toecap

General use where comfortable safety footwear (safety toe cap and anti-perforation insole) is needed, such as logistics and transport, delivery drivers, warehouses, industry and in general, any work in wet areas.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 36 to 47

CI: INSULATION against the cold of the ground (-17°C/ 30 minutes)

BASIC LINE SAFETY FOOTWEAR EN ISO 20345



1688ZENE UXAMA
S1P / FO / SR / CI / E / A

- Black leather
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- Conformed EVA insole
- Metal safety toecap

General use in multiple sectors and applications where safety footwear is needed (safety toe cap and anti-perforation plate), such as construction, workshops, logistics, automotive and manufacturing and industry in general.

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 36 to 47

CI: INSULATION against the cold of the ground (-17°C/ 30 minutes)



1688ZSEG SCORPIO
S1P / FO / SR / CI / E / A

- Perforated suede leather and breathable synthetic mesh
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- Conformed EVA insole
- Metal safety toecap

General use in multiple sectors and applications where footwear with a safety toe cap, breathable, lightweight and comfortable is needed, such as logistics, transporters and delivery drivers, warehousing, automotive, manufacturing and where extra flexibility in the sole is needed.

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 36 to 47

CI: INSULATION against the cold of the ground (-17°C/ 30 minutes)



VISITOR
Clip-on
safety Toe
cap

*Protection against impacts (200J) in areas where the use of safety footwear with toe protection is mandatory (visiting factories, construction sites, workshops...). It adapts quickly and easily to the user's footwear by means of an elastic. Non-slip sole on the sole.

1688PVNE VISIT
Microfibre
Metal safety toecap

UE 2016/425
Units Box: 20 Min Order: 1 pair
SIZES: M (36-42) / L (43-48)

PU NITRILE SAFETY FOOTWEAR EN ISO 20345



1688BSOGRNE TERMÓPILAS
S3S / WPA / FO / SR / HI / CI / HRO / E / A

- Water-repellent microfibre
- Textile anti-perforation sheet
- Sole Double density PU Nitrile
- Insole Moulded EVA
- Safety toe: Fibreglass

Welding processes and related techniques with risks of molten metal splashes, sparks and incandescent projections that require rapid removal of footwear. As well as activities with extreme temperatures (heat or cold), which require insulation in the sole.

- High ground temperature (metal workshops and factories with incandescent elements, asphalt work, roof and sheet metal installation...)
- Very low soil temperature (maintenance outdoors...etc.).
- Resistance to hydrocarbons and slippage (gas stations, refineries, platforms, maintenance, factories...etc.).

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 38 to 47

CI: INSULATION against the cold of the ground (-17°C/ 30 minutes)

HRO: RESISTANCE to heat by contact (300°C / 1 minut)



1688BGNRNE TRAJANO
S3S / WPA / FO / SR / HI / CI / HRO / E / A

- Water-repellent microfibre
- Textile anti-perforation sheet
- Sole Double density PU Nitrile
- Insole Moulded EVA
- Safety toe: Fibreglass

Activities with extreme temperatures (heat or cold), which require insulation in the sole.

- High ground temperature (metal workshops and factories with incandescent elements, asphalt work, roof and sheet metal installation...)
- Very low soil temperature (maintenance outdoors...etc.).
- Resistance to hydrocarbons and slippage (gas stations, refineries, platforms, maintenance, factories...etc.).

EN ISO 20345 SAFETY FOOTWEAR
Units Box: 10 Min Order: 1 pair
SIZES: 38 to 47

HI: INSULATION against heat from the ground (150°C / 30 minutes)

CI: INSULATION against the cold of the ground (-17°C/ 30 minutes)

HRO: RESISTANCE to heat by contact (300°C / 1 minut)

BlackLeather

SAFETY FOOTWEAR

S3



BECO1NE

S3 / WPA / FO / SR / E / A

- Water-repellent leather
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- Conformed EVA insole
- Metal safety toecap

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 35 to 48

S3



ZECO1NE

S3 / WPA / FO / SR / E / A

- Water-repellent leather
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- Conformed EVA insole
- Metal safety toecap

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 35 to 48

S1P



ZSECO1NE

S1P / FO / SR / E / A

- Perforated suede leather and synthetic mesh
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- Conformed EVA insole
- Metal safety toecap

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 35 to 48

S1P

METAL Free



ZSECO2NE

S1PS / FO / SR / E / A

- Perforated suede leather and synthetic mesh
- Metal anti-perforation sheet
- Sole Double density PU/ PU
- Conformed EVA insole
- Safety toe: Fibreglass

EN ISO 20345 SAFETY FOOTWEAR

Units Box: 10 Min Order: 1 pair

SIZES: 35 to 48

SPECIAL PURPOSE BOOTS **DUNLOP**



A571411BL SB / FO / SRA

Polymeric safety boot for ELECTRICAL RISK

- Made with a special mixture of PVC and nitrile rubber with high electrical resistance. It allows electrical insulation of the worker's feet, even in the presence of water.
- Metal safety toecap.
- SRA anti-slip resistance.
- Highly abrasion resistant for durability.
- Resistant to FO hydrocarbons.
- Only footwear made entirely of polymers (Class 2), type wellies, guarantees electrical insulation according to the only current electrical risk standard.

General Use (Safety footwear) with and without the presence of water, and with electrical risk. All types of work with electrical risk (energy, industrial maintenance, chemical plants, electricians, telecommunications)

EN ISO 20345 SAFETY FOOTWEAR

EN50321 Class 0. Electrically insulating footwear for low voltage installations. Class 0 (1000V AC and 1500V DC)

Units Box: 6 Min Order: 1 pair

SIZES: 39/40 to 47



A442AB1V S5 / SRA

Polymeric safety boots for CHEMICAL RISK

- Made with a special mixture of PVC and nitrile rubber with high chemical resistance.
- Safety toe cap and anti-perforation template in steel.
- Additional certification against Sulphuric Acid (50% concentration).
- SRA anti-slip resistance.
- Highly abrasion resistant for durability.
- Extra ankle protection.

General use (safety footwear) in environments with a lot of water and risk of chemical splashes. Petrochemical plants, handling of chemical elements in agriculture, chemical and processing plants, livestock farming, paint and solvents, construction with chemical risk, industrial maintenance, work with chemical waste and decontamination, organic decomposition environments, etc.

EN ISO 20345 SAFETY FOOTWEAR

EN13832-3 (J K O P Q R) Footwear with high resistance to chemical products.

Units Box: 6 Min Order: 1 pair

SIZES: 39 to 47

SAFETY BOOTS **DUNLOP**



NB2KL01V S5 / SR / FO / LG

Green safety waterproof boot

- PVC waterproof boot in leg and sole.
- Extra-large steel safety toe cap and anti-perforation steel insole (S5).
- Energy absorption in the heel, antistatic and anti-slip.
- Hydrocarbon resistant.
- Stair grip (LG).

Work in conditions of extreme humidity or with water and where protection is required on the toes and insoles.

Especially suitable for outdoor work (construction, industry, agriculture) with risk of impact on the toes or risk of perforation in the soles.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: **6**

Min Order: **1 pair**

SIZES: **36 to 48**



NB1JB01BL S4 / SR / FO / LG

White safety waterproof boots

- PVC/Nitrile waterproof boot on leg and sole.
- Extra-large steel safety toe cap.
- Maximum slip resistance coefficient SR.
- Energy absorption in the heel.
- Hydrocarbon resistant sole (FO).
- Stair grip (LG).

Work in conditions of extreme humidity or water and where toe protection is required. Especially indicated in the food industry.

EN ISO 20345 SAFETY FOOTWEAR

Units Box: **6**

Min Order: **1 pair**

SIZES: **36 to 48**

WATERPROOF BOOTS **DUNLOP**



380PPNE black

380VPV green

380BVBL white

HIGH LEG PVC WATERPROOF BOOTS

- PVC waterproof boot in leg and sole.
- Non-slip and hydrocarbon resistant sole.
- Energy absorption in the heel (E).
- Polyester inner lining.

Work in conditions of extreme humidity or with water, for outdoor use (construction, agriculture).

Units Box: **8**

Min Order: **1 pair**

SIZES: **35 to 47**

FOOTWEAR ACCESSORIES



1388CTCNE

SUMMER ANKLE SOCK

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

COMPOSITION:

70% Coolmax polyester / 27% polyamide / 3% elastane

Units Box: **100**

Min Order: **1 pair**

SIZES: **39/42 to 43/46**



1388CBAM

Round boot lace.



COOLMAX

1388CVCNE

SUMMER SOCKS

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

COMPOSITION:

70% Coolmax polyester / 27% polyamide / 3% elastane

Units Box: **100**

Min Order: **1 pair**

SIZES: **39/42 to 43/46**

THERMOLITE

1388CITNE

WINTER SOCKS

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

COMPOSITION:

70% Thermolite polyester / 27% polyamide / 3% elastane

Units Box: **100**

Min Order: **1 pair**

SIZES: **39/42 to 43/46**

Hand protection

Essential protective equipment in many work sectors, as it reduces the risk of hand injuries and improves safety when handling tools, machines, and materials. Its suitability depends both on the type of task and the environmental conditions: protecting yourself against cuts is not the same as protecting yourself against heat, electricity, or chemicals. Therefore, choosing the right glove requires analysing the specific demands of each activity.

As for the materials, there is a wide variety. Leather gloves offer great abrasion resistance and are ideal for mechanical or lifting work. Nitrile and neoprene gloves provide an effective barrier against oils, greases, and chemicals, so they are used in chemical, cleaning, and laboratory industries. Those made of latex offer good elasticity and tactile sensitivity, although they may cause allergies in some workers. For their part,

cut-resistant gloves usually combine fibres such as Kevlar®, Dyneema® or stainless steel, offering protection against sharp materials. There are also dielectric gloves, made of insulating materials specially designed for electrical work.

The risks they can cover are varied: cuts, abrasions, punctures, thermal or chemical burns, contact with electricity, vibrations and even biological risks. However, no glove protects against everything; each model is designed for a specific range of hazards. Therefore, it is essential to verify certifications, resistance levels, and limitations before using them. An informed choice and proper maintenance—such as inspection before use and replacement when they show wear—ensure maximum effectiveness and contribute to a safer working environment.



TYPES OF WORK GLOVES

1. SYNTHETIC GLOVES

The design:

- **With support**, using materials such as cotton, nylon, etc. Before covering them with synthetic material (generally latex, Nitrile and polyurethane).
- **Without support**, directly inserting the glove mould into the synthetic material (Nitrile, latex, neoprene...).

The materials used:

- Latex, Nitrile, PVC gloves...

2. LEATHER GLOVES

The design:

- American type gloves, driver type, welder type...

The materials used:

- **Grain leather**: Using the outside of the leather (greater comfort and dexterity).
- **Split leather**: Using the inside part of the leather (greater resistance to abrasion).

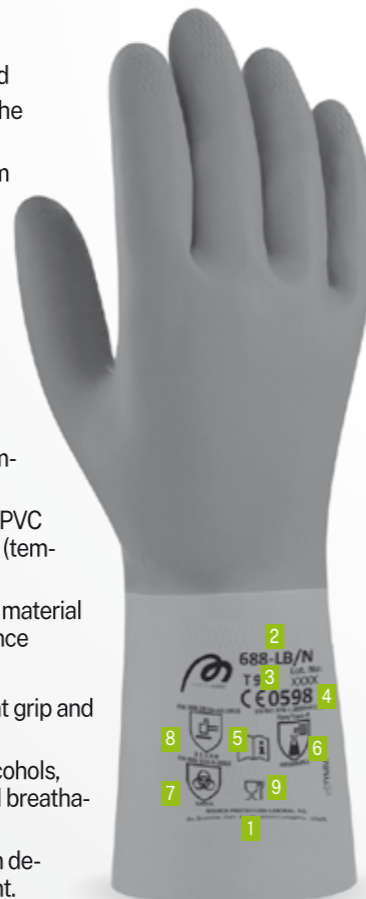
DEFINITIONS

- **Hand**: Part of the body, extending from the tip of the middle finger to the wrist.
- **Glove**: PPE intended to protect the hand or part of it against risks.
- **Risk**: An undesirable situation that can cause harm to health.
- **Glove palm**: The part of the glove that covers the palm of the hand
- **Back of the glove**: The part of the glove that covers the back of the hand
- **Dexterity**: It measures the ability to manipulate objects to perform a task. It is related to the thickness, elasticity and deformability of the glove.
- **Level of provision**: Number indicating the value obtained in the corresponding test according to the specific standard.

THE MATERIALS

- **Natural fibres such as cotton**, for general applications, offer comfort, breathability and abrasion resistance.
- **Synthetic materials such as nylon (abrasion and tearing)**, PVC (abrasion and chemicals such as greases, oils and alcohols), Neoprene (temperature and chemicals).
- **Leather (grain and split leather)**, a comfortable and breathable material with good mechanical properties (especially abrasion and tear resistance)
- **Coatings:**
 - **Latex**. Comfort, elasticity and dexterity. Product aqueous. Excellent grip and good abrasion resistance.
 - **Polyurethane**. Elasticity, resistance to abrasion and tension to alcohols, hydrocarbons, and solvents. Very good grip, abrasion resistance and breathability.
 - **Nitrile**. Synthetic rubber resistant to oils, lubricants and Petroleum derivatives. Good mechanical and perforation. Very chemically resistant.

GLOVE MARKING

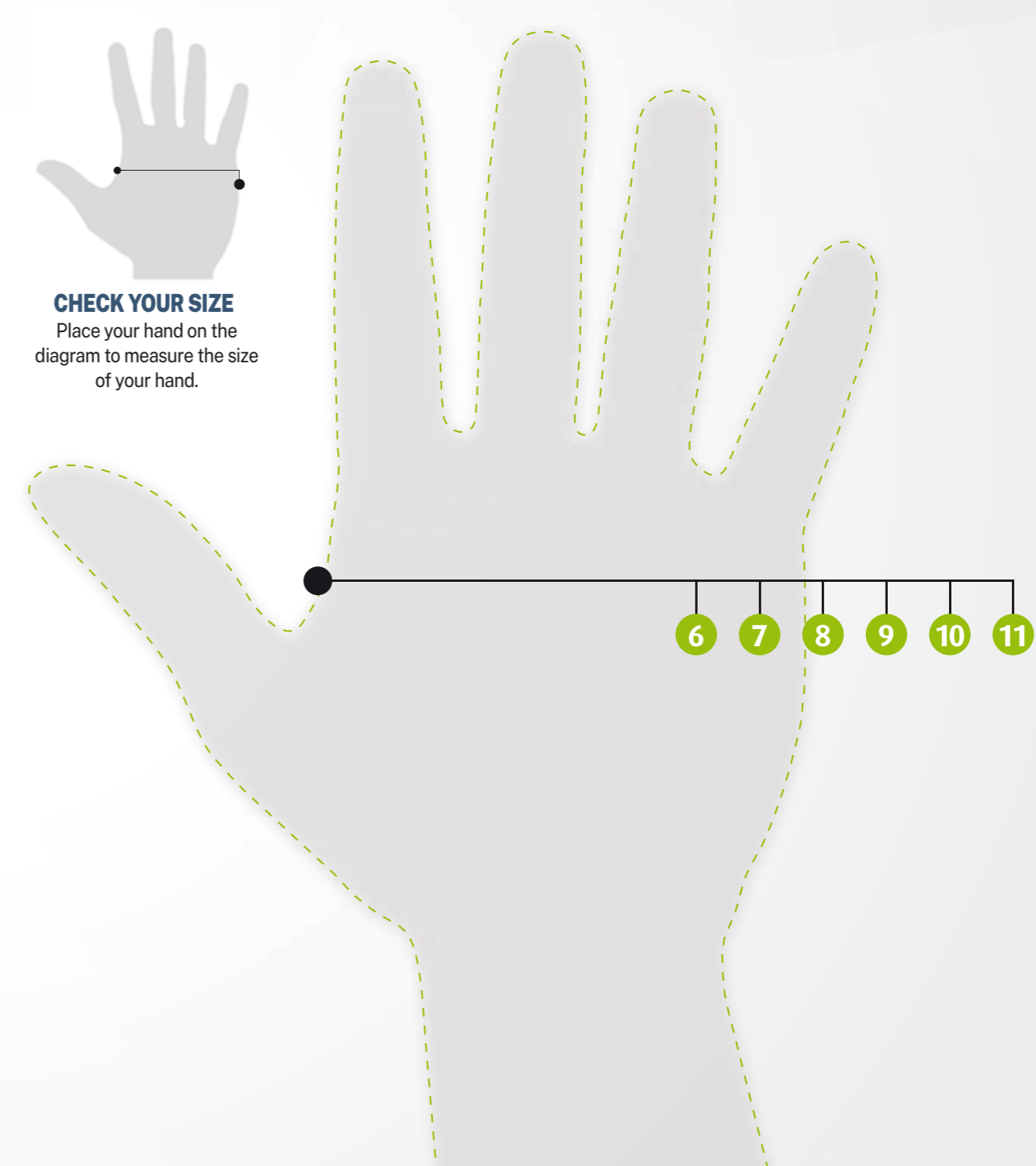


- | | |
|---|----------------------------------|
| 1 | Product manufacturer |
| 2 | Product reference |
| 3 | Size |
| 4 | Compliance marking |
| 5 | Consult information brochure |
| 6 | Chemical risks standard |
| 7 | Standard for microorganism risks |
| 8 | Mechanical resistance levels |
| 9 | Suitable for the food industry |

GLOVE SELECTION

1° Identify the glove we need, analysing in the workplace the task to be performed (size of the pieces, their weight, precision work...) and the main risk to be covered according to its importance (electrical risk, chemical risk, thermal risk, mechanical risk...) choosing the appropriate performance level for each risk. Other factors to take into account are the environment (indoor/outdoor, humidity...etc).

2° Identify the size of the user: Check your size.



WORK GLOVES. CATEGORIES

CATEGORY 1

Gloves with a simple design that allows the user to judge their effectiveness against minimal risks and the effects of which, when adjustable, can be perceived in time and without danger to the user: superficial mechanical aggressions, maintenance products whose effects are easily reversible, shocks and vibrations that do not affect vital parts...

- These gloves must exceed EN ISO 21420, a harmonised standard that regulates the minimum requirements to be met by work gloves: quality, PH, chromium content, size, safety, ...
- The marking that gloves under category 1 must have is:
 - Identification of the manufacturer or representative (logo, tax ID number...).
 - Reference or model.
 - Size.
 - CE marking.

CATEGORY 2

Gloves intended to avoid risks of all types that could not cause very serious injuries or death (intermediate risks).

- These gloves must exceed, in addition to EN ISO 21420, the harmonised standard that regulates the risk for which this glove is recommended.
- The marking that gloves under category 2 must have is:
 - Identification of the manufacturer or agent.
 - Pictogram of the risk for which it is recommended.
 - Resistance levels.
 - Model or reference.
 - Size.
 - Pictogram related to the information brochure.
 - CE marking.
- Compliance with the standard must be verified by an EU notified laboratory, issuing an EU type certificate.

CATEGORY 3

Gloves intended to protect the user from a mortal danger or danger that could seriously and irreversibly damage health, without its immediate effect being discovered in time.

- These gloves must exceed, in addition to EN ISO 21420, the harmonised standard that regulates the risk for which this glove is recommended.
- The marking that gloves under category 3 must have is:
 - Identification of the manufacturer or agent.
 - Pictogram of the risk for which it is recommended.
 - Resistance levels.
 - Model or reference.
 - Size.
 - Pictogram related to the information brochure.
 - CE marking plus the identification number of the Notified Body responsible for CE quality control in the production phase.
- They must be certified by a notified body, and the manufacturer must adopt one of the regulated CE quality assurance systems for their marketing according to Regulation (EU) 2016/425.

DEFINITION OF RISKS FOR WORK GLOVES

MECHANICAL RISK EN 388



a b c d e f

a / Abrasion resistance. (Values 1 to 4)

b/ Blade Cutting Resistance (Values 1 to 5).
Optional if value “e” is shown.

c/ Tear Resistance (Values 1 to 4)

d/ Puncture Resistance (Values 1 to 4)

e/ Shear Strength (new test, EN ISO 13997, in Newtons). (A to F). Optional test, and mandatory in case there is wear in the blade cut (b).

f/ Impact Resistance (P if tested and passed)

CHEMICAL RISK EN 374 EN 374-1



Type X
pollutant*

Type A	Type B	Type C
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MINIMUM CHEMICAL RESISTANCE

6 pollutants	3 pollutants	1 pollutant
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*Each pollutant is assigned a letter, and they are shown below the glove type.

RISK OF MICROORGANISMS (BACTERIA AND FUNGI)

EN 374-5



If the **virus test** is passed, “virus” will be written below the logo.

Pictogram	Rule	Description
	EN 407	Thermal risk (temperature between 50°C and 100°C). Flammability, Contact heat, Convective heat, Radiant heat, small splashes of molten metal, large masses of molten metal.
	EN 511	Risks due to cold (up to -50°C). Convective cold, contact cold, Impermeability to water.
	EN 12477	Risks due to welding. They are classified into two types. Type A and Type B. They must be tested for standards EN388 (mechanical risks) and EN407 (thermal risks) and pass minimum levels for each of the standards. These levels and the dexterity will give us the type of glove. In general, it is recommended to use Type B gloves in jobs where a high level of cleanliness is necessary (for example: TIG welding).
	EN 1082-1	Risks from cuts and punctures caused by hand knives.
	EN 60903	Electrical risk. They are classified into 6 classes according to their maximum usage voltage.

Selection guide

REF.	GENERAL HANDLING	MECHANICAL PROTECTION	CUT-RESISTANT PROTECTION	CHEMICAL PROTECTION	FOOD INDUSTRY	PAGE NO.
688PVC27QR	●	●		●		120
688PVC35QR	●	●		●		120
688LDANA		●		●	●	119
688LDNNN		●		●	●	119
688LBNSIN		●		●	●	121
688NDNV		●		●	●	122
688NDLNV		●		●	●	122
688NEONNE		●		●		121
688NEOLNNE		●		●		121
688CUTPROG	●	●	●			113
688CUTG	●	●	●			113
688AASIN		●	●		●	113
688LDY				●		118

REF.	GENERAL HANDLING	MECHANICAL PROTECTION	WELDING PROTECTION	HEAT PROTECTION	COLD PROTECTION	PAGE NO.
788MR		●	●	●		129
788MAR		●	●	●		129
788MRMA		●	●	●		129
788MXG		●	●	●		129
688NYLFRSIN	●	●			●	127
788LFY	●	●			●	127
688NYLNE	●	●				114
688NYPUUA	●	●				114
688NYNGBG	●	●				115
688NYNNNE	●	●				115
688NYNCNE	●	●				116
688NYPUNBL	●	●				116
688NYPUGGG	●	●				116

REF.	GENERAL HANDLING	MECHANICAL PROTECTION	HEAT PROTECTION	PUNCTURE PROTECTION	FOOD INDUSTRY	PAGE NO.
688NYNFD	●	●	●			117
688NYNFN	●	●				117
688NYPUNNNE	●	●				117
688LCTOPY	●	●				118
688EGRIPA	●	●				118
688PVC27BA	●	●				120
688NCA	●	●				123
688NTEA	●	●				123
688NCENA	●	●				123
688NTFNY	●	●				124
688NCFNY	●	●				124
788PR	●	●				125
788TA	●	●				125

REF.	GENERAL HANDLING	MECHANICAL PROTECTION	HEAT PROTECTION	PUNCTURE PROTECTION	FOOD INDUSTRY	PAGE NO.
788NEBA	●	●				125
688GMSIN			●	●	●	114
788NEAMA	●	●				125
788RWV	●	●				126
788REV	●	●				126
788LAJ	●	●		●		128
788LGSG	●	●				128
788LIBL	●	●				127
788LGJBL	●	●		●		128
688GBL	●					112
688PGG	●					112
688PFBL	●					112
688DI			●			119

Resistance to chemical agents

	Risk	Latex	Neoprene	Nitrile	PVC/Vinyl
Ammonium acetate	B	Green	Green	Green	Green
Ammonium acetate	A	Red	Orange	Orange	Orange
Amyl acetate	C	Red	Orange	Orange	Orange
Calcium acetate	-	Green	Green	Green	Green
Ethyl acetate	C	Red	Orange	Orange	Orange
Potassium acetate	B	Green	Green	Green	Green
Acetone	C	Green	Yellow	Red	Red
Glacial acetic acid	B	Green	Green	Yellow	Orange
Acetic acid anhydrous 50%	A	Green	Green	Green	Green
Concentrated boric acid	B	Green	Green	Green	Green
Hydrobromic acid	B	Green	Orange	Orange	Orange
Hydrochloric acid at 30% and 5%	B	Green	Green	Green	Yellow
Chromic acid	B	Red	Red	Orange	Yellow
Citric acid	A	Green	Green	Green	Green
Hydrofluoric acid at 30%	B	Yellow	Green	Green	Yellow
Formic acid at 90%	B	Red	Yellow	Orange	Orange
Lactic acid at 85%	A	Orange	Green	Green	Green
Nitric acid at 20%	B	Yellow	Yellow	Orange	Orange
Oleic acid	A	Orange	Green	Green	Orange
Oxalic acid	A	Green	Green	Green	Green
Phenol	D	Orange	Yellow	Yellow	Yellow
Phosphoric acid	B	Green	Green	Green	Green
Stearic acid	A	Yellow	Green	Yellow	Yellow
Concentrated sulphuric acid	B	Red	Orange	Red	Yellow
Diluted sulphuric acid	B	Green	Green	Green	Green
Tartric acid	A	Green	Green	Green	Green
Amyl acid	C	Green	Green	Green	Green
Benzyl alcohol	E	Orange	Yellow	Yellow	Yellow
Butyl alcohol (or n-butanol)	D	Green	Green	Green	Green
Ethyl alcohol (or ethanol)	D	Green	Green	Green	Green
Isobutyl alcohol (or isobutanol)	A	Green	Green	Green	Green
Methyl alcohol (or methanol)	C	Green	Green	Green	Green
Acetic aldehyde (or acetaldehyde)	F	Green	Green	Orange	Red
Benzoic aldehyde	E	Red	Red	Orange	Red
Formic aldehyde at 30%	C	Green	Green	Green	Green
Concentrated ammonia	B	Green	Green	Green	Green
Aniline	E	Yellow	Yellow	Orange	Red
Asphalt	E	Red	Orange	Green	Red
Benzene	E	Red	Red	Orange	Red
Potassium bicarbonate	A	Green	Green	Green	Green
Sodium bicarbonate	A	Green	Green	Green	Green
Sodium bisulphite	A	Green	Green	Green	Green

	Risk	Latex	Neoprene	Nitrile	PVC/Vinyl
Borax	A	Green	Green	Green	Green
Bromides	C	Green	Green	Green	Red
Ammonium carbonate	B	Green	Green	Green	Green
Sodium carbonate	-	Green	Green	Green	Green
Potassium carbonate	B	Green	Green	Green	Green
Quicklime	B	Green	Green	Green	Green
Slaked lime	A	Green	Green	Green	Green
Chlorine	B	Red	Green	Green	Green
Chloroacetone	C	Green	Green	Red	Red
Chloroform	F	Red	Orange	Yellow	Red
Ammonium chloride	B	Green	Green	Green	Green
Calcium chloride	-	Green	Green	Green	Green
Tin chloride	E	Orange	Green	Green	Green
Methylene chloride	C	Red	Orange	Orange	Red
Nickel chloride	A	Green	Green	Green	Green
Potassium chloride	B	Green	Green	Green	Green
Sodium chloride	B	Green	Green	Green	Green
Creosote	D	Orange	Green	Green	Green
Cresol	D	Red	Green	Green	Green
Potassium cyanide	D	Green	Green	Green	Green
Cyclohexane	C	Red	Orange	Yellow	Red
Cyclohexanone	A	Green	Green	Green	Green
Cyclohexanol	C	Orange	Orange	Red	Red
Herbicide	A	Green	Green	Green	Green
Household detergents	A	Yellow	Green	Yellow	Yellow
Diacetone alcohol	C	Green	Green	Red	Orange
Dibutyl ether	E	Red	Orange	Green	Red
Dibutyl phthalate	E	Yellow	Orange	Green	Red
Dichloromethane	F	Red	Red	Orange	Green
Propylene dichloride	F	Red	Red	Orange	Red
Diethanolamine	E	Green	Green	Green	Green
Diocetyl phthalate	E	Yellow	Green	Green	Red
Bleach	B	Green	Green	Green	Green
Hydrogen peroxide	D	Orange	Green	Green	Red
Aqua regia	F	Red	Yellow	Orange	Orange
Fertiliser	C	Green	Green	Green	Green
Turpentine essence	E	Red	Orange	Green	Orange
Car petrol	E	Red	Yellow	Green	Orange
Light oil	E	Red	Yellow	Green	Red
Sulphuric ether (pharmacy)	A	Orange	Green	Green	Orange
Ethylamine	A	Orange	Orange	Green	Orange
Ethyl aniline	E	Orange	Green	Green	Orange

	Risk	Latex	Neoprene	Nitrile	PVC/Vinyl
Ethylene glycol	F	Green	Green	Green	Green
Fixers	E	Green	Green	Green	Green
Hydraulic fluids (ethers)	C	Green	Green	Green	Orange
Calcium flu phosphate	B	Green	Green	Green	Green
Fuorides	B	Green	Green	Green	Green
Formol (or formaldehyde)	-	Green	Green	Green	Green
Fuels	F	Red	Orange	Green	Orange
Furol (furfural or furaldehyde)	E	Green	Yellow	Red	Red
Diesel	F	Red	Orange	Green	Orange
Glycerine	-	Green	Green	Green	Green
Glycol	F	Green	Green	Green	Green
Animal fats	-	Orange	Green	Green	Red
Mineral fats	F	Red	Orange	Green	Orange
Hexane	F	Red	Orange	Green	Orange
Cutting oil	F	Red	Green	Green	Green
Brake oil (lock head)	F	Orange	Green	Green	Orange
Lubricating oils	F	Red	Orange	Green	Orange
Hydraulic oils (petroleum)	F	Red	Orange	Green	Orange
Bacon oil	-	Red	Green	Green	Orange
Paraffin oil	-	Red	Orange	Green	Orange
Pine oil	-	Red	Orange	Green	Orange
Castor oil	-	Red	Green	Green	Red
Soy oil	-	Red	Green	Green	Orange
Calcium hydroxide	B	Green	Green	Green	Green
Calcium hypochlorite	B	Green	Green	Green	Green
Sodium hypochlorite	B	Green	Green	Green	Green
Isobutyl ketone	F	Green	Green	Red	Red
Kerosene	F	Red	Orange	Green	Orange
Milk and dairy products	-	Orange	Green	Green	Red
Powdered detergents	B	Green	Green	Green	Green
Magnesium	-	Green	Green	Green	Green
Fuel oil	F	Red	Orange	Green	Orange
Methyl acetate	E	Orange	Green	Orange	Orange
Methylamine	E	Green	Yellow	Green	Green
Methylaniline	E	Orange	Orange	Green	Green
Methyl cyclopentane	F	Red	Orange	Green	Orange
Methyl Ethyl Ketone	F	Green	Yellow	Red	Red
Methyl formate	F	Orange	Green	Orange	Orange
Methyl isobutyl ketone	F	Yellow	Orange	Red	Red
Monochlorobenzene	F	Red	Orange	Orange	Red
Naphtha	F	Red	Orange	Green	Orange
Naphthalene	F	Red	Orange	Yellow	Orange

	Risk	Latex	Neoprene	Nitrile	PVC/Vinyl
N-butylamine	F	Green	Green	Green	Green
Ammonium nitrate	B	Green	Green	Green	Green
Calcium nitrate	B	Green	Green	Green	Green
Potassium nitrate	B	Green	Green	Green	Green
Sodium nitrate	B	Green	Green	Green	Green
Nitrobenzene	B	Red	Orange	Orange	Red
Nitropropane	B	Green	Yellow	Orange	Red
Perfumes and essence	B	Green	Green	Green	Green
Glycerophthalic paint	C	Red	Orange	Green	Orange
Water paint	A	Green	Green	Green	Green
Perchloroethylene	F	Red	Orange	Yellow	Red
Potassium permanganate	D	Green	Green	Green	Green
Calcium phosphates	C	Green	Green	Green	Green
Potassium phosphates	D	Green	Green	Green	Green
Sodium phosphates	B	Green	Green	Green	Green
Potash flakes	B	Green	Green	Yellow	Green
Potash in concentrated lye	B	Green	Green	Yellow	Green
Petroleum products	F	Red	Orange	Yellow	Orange
Polyester resins	F	Red	Orange	Yellow	Orange
Silicates	B	Green	Green	Green	Green
Soda flakes	B	Green	Green	Orange	Orange
Soda in concentrated lye	B	Green	Green	Orange	Orange
Styrene	A	Red	Orange	Orange	Orange
Potassium sulphate	B	Green	Green	Green	Green
Sodium sulphate	B	Green	Green	Green	Green
Zinc sulphate	D	Green	Green	Green	Green
Sulphites, bisulphites, hyposulphites	B	Green	Green	Green	Green
Carbon tetrachloride	B	Red	Orange	Yellow	Orange
THF = tetrahydrofuran	B	Yellow	Orange	Red	Red
Toluene	A	Orange	Orange	Yellow	Orange
Tributyl phosphate	D	Orange	Yellow	Yellow	Orange
Trichlorethylene	F	Red	Orange	Orange	Red
Trinitrobenzene	E	Red	Orange	Yellow	Orange
Trinitrotoluene	E	Red	Orange	Yellow	Orange
Triphenyl phosphate	E	Orange	Green	Green	Orange
Vinegar and seasonings	B	Green	Green	Green	Yellow
White spirit	F	Red	Yellow	Green	Orange
Xylene	F	Red	Orange	Yellow	Red
Xylofen	F	Red	Orange	Green	Orange

Green	Very good
Yellow	Good
Orange	Average
Red	Not recommended

Note:
This list is a merely indicative table on how the glove material behaves against certain chemical elements. The appropriate glove must be used for the specific chemical risk and taking into account the specific conditions of the work (pollutant, concentration, exposure time...etc).

Risk indicator	
-	Non-toxic but sometimes harmful with contact
A	May cause burns
B	Danger of burns
C	Toxic
D	Very toxic
E	Very toxic with side effects
F	Very toxic with irreversible and fatal risks



COTTON GLOVE

688GBL 100% cotton canvas glove, with PVC dots on palm and fingers

- Very tight and cylinder fabric, with elastic cuff closure.
- Very comfortable, breathable and absorbs sweat very well.
- Elastic cuff, which keeps the inside of the glove dry and prevents dirt from entering.
- The PVC dots not only allow for greater adhesion, but also extend the life of the glove, as they offer great resistance to abrasion.

General Handling. Special glove for jobs requiring a lot of grips, such as bottling, packing, assembly, and demoulding of plastic parts, metals. Also, for agricultural activities, fruit picking and gardening in general.

Units Box: **300**

Min Order: **12 pairs**

SIZES: **9**

EN ISO 21420



COTTON GLOVE

688PGG Grey/white cotton/polyester knit fisherman's glove with elastic cuff

- Seamless camouflage cotton knit glove made with cotton (35%) and polyester (65%).
- Very comfortable, warm and with great dexterity.
- The polyester fibre provides. Good mechanical resistance (especially for grip) and greater chemical resistance and humidity.
- The cotton gives it a more pleasant feel and allows for better breathability and sweat.
- It can be used as a glove or as a glove cover.
- Closure with elastic cuff, which makes it difficult for dirt and water to enter the glove.

General handling. Special glove for work related to construction, fishing, mining, agricultural activities, and assembly work.

Units Box: **300**

Min Order: **12 pairs**

SIZES: **9**

EN ISO 21420



COTTON GLOVE

688PFBL Cotton knit glove in ecru colour with elastic cuff

- 100% cotton gloves with elastic cuff.
- Very comfortable, warm and with great dexterity.
- Being 100% cotton, it is very comfortable, breathable and absorbs sweat very well.
- Elastic cuff, which keeps the inside of the glove dry and prevents dirt from entering.
- To be used as a layer under other gloves that are colder to the touch (PVC, rubber, dielectric gloves).

General Handling. Special gloves for jobs that require greater sensitivity (automobile, cleaning, photography, small parts).

Units Box: **300**

Min Order: **12 pairs**

SIZES: **9**

EN ISO 21420



CUT-RESISTANT GLOVE

688CUTPROG 100% cotton canvas glove, with PVC dots on palm and fingers

- HPPE (High Performance Polyethylene) support, with Goldsilk™ technology: Maximum anti-cut level (F) according to new test, EN ISO 13997, in Newtons of the new mechanical risk standard EN388:16.
- Maximum tear level (level 4). Maximum Dexterity.
- Very light, soft and flexible, offering a superior feel and reducing user fatigue. Exceptional comfort.
- Heat dissipation that provides extra coolness to the hand, while keeping the glove dry. Reusable: Washable and long-lasting, without losing performance.
- PU (Polyurethane) coating, which provides excellent grip, abrasion resistance and breathability.

General Handling. Mechanical and anti-cut protection. Specially designed glove for precision work where maximum cut protection is required. Works with metalwork, glasswork, workshops, sheet metal...

Units Box: **120**

Min Order: **12 pairs**

SIZES: **7, 8, 9 and 10**

EN ISO 21420

EN 388



4 X 4 3 F



CUT-RESISTANT GLOVE

688CUTG Cut-resistant fibre glove, PU coating, with high level of anti-cut protection (D)

- High level of cut resistance (D) according to the new test, EN ISO 13997, in Newtons of the new mechanical risk standard EN388:16.
- Maximum level of abrasion and tearing (level 4).
- PU (Polyurethane) coating, which provides excellent grip, abrasion resistance and breathability.

General Handling. Mechanical and anti-cut protection. Glove specially designed for precision work where high cut protection is required. Work with metals, glassware, workshops, sheet metal...

Units Box: **120**

Min Order: **12 pairs**

SIZES: **7, 8, 9, 10 and 11**

EN ISO 21420

EN 388



4 4 4 3 D



CUT-RESISTANT GLOVE

688AASIN Level 5 cut-resistant blue glove for the food industry. Stahlnetz cut guard BlueTouch

- Glove manufactured in the EC (Germany). Approved for food use.
- Much lighter and with much greater dexterity than other similar gloves Longer cuff for greater protection of the forearm.
- Maximum anti-cut level possible (level 5).
- Blue colour for better identification in the food industry. Washable at high temperature. Dyneema® fibre (high-performance fibre, very light and with excellent cutting and tear behaviour).
- Ambidextrous. Unit price (1/2 pair)

Work related to the food industry where maximum cut protection is required.

Units Box: **100**

Min Order: **1/2 pair**

SIZES: **7, 8, 9 and 10**

EN ISO 21420

EN 388



3 X 4 X F



Valid for food industry



CUT-RESISTANT GLOVE

688GMSIN *Stainless steel metal mesh glove. Manu latex GCM*

- Stainless steel thread. food 0,5mm Ø.
- Hygienic strap, removable polyurethane. Approved for food use.
- Removable strap closure with adjustable buckle and press stud.
- Visual size marking (strap colour). Traceability plate.
- Easy placement, ease of hand change, and emergency removal.
- Ambidextrous. Unit price (1/2 pair).

Protection against cuts and blows caused by knives or other manual cutting tools. Work in the meat industry and slaughterhouse, catering, plastics industry, leather, textile or paper (cutting/handling operations of cutting pieces), construction (cladding operations, tiling...).

Units Box: **50** Min Order: **1/2 par**

SIZES: **XXS, XS, S, M, L, XL and XXL**

EN ISO 21420

Size	Colour	Corresp. size.
XXS	Orange	5-5 ^{1/2}
XS	Green	6-6 ^{1/2}
S	Blue	7-7 ^{1/2}
M	Red	8-8 ^{1/2}
L	Cyan	9-9 ^{1/2}
XL	Yellow	10
XXL	Purple	11



ISO 13999-1 EN1082-1 EN 14328



NYLON / LATEX GLOVE

688NYLNE *Black nylon glove with black latex coating*

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Excellent non-slip grip that provides excellent traction in wet and abrasive conditions and with excellent tear.
- High breathability of nylon fabric.
- Black colour for staining jobs.

General handling. Mechanical risks. Special glove for handling work in general, handling of sliding and abrasive objects.

Units Box: **120** Min Order: **12 pairs**

SIZES: **7, 8, 9 and 10**

EN ISO 21420

EN 388



2 12 1 X



NYLON / POLYURETHANE GLOVE

688NYPUUA *Ultra-thin nylon glove (18 gauge) with black polyurethane coating*

- Polyurethane provides the gloves with excellent abrasion resistance and breathability.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Its ultra-thin nylon base (18 gauge) and lightweight polyurethane coating provide unsurpassed comfort, breathability, and tactile sensitivity.

General Handling. Mechanical risks. Gloves for mechanical risks that require touch, Reliability, comfort and precision, such as small part assemblies, high technology, electronics, clean rooms, packaging, tool use, automotive, plumbing, storage.

Units Box: **120** Min Order: **12 pairs**

SIZES: **7, 8, 9 and 10**

EN ISO 21420

EN 388



1 11 1 X



POLYESTER / NITRILE GLOVE

688NYNBG *White polyester glove with grey nitrile coating*

- Nitrile is a flexible material that gives the glove high resistance to oils, fats and hydrocarbons.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Maximum anti-abrasion level. High durability of the glove's useful life.

General Handling. Mechanical risks. Special gloves for handling, assembly, spare parts, construction work in humid and greasy environments.

Units Box: **120** Min Order: **12 pairs**

SIZES: **7, 8, 9 and 10**

EN ISO 21420

EN 388



2 12 1 X



POLYESTER / NITRILE GLOVE

688NYNNNE *Grey polyester glove with black nitrile coating*

- Nitrile is a flexible material that gives the glove high resistance to oils, fats and hydrocarbons.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Black colour for staining jobs.

General Handling. Mechanical risks. Special gloves for handling, assembly, spare parts, construction work, in humid and greasy environments and with a high level of dirt.

Units Box: **120** Min Order: **12 pairs**

SIZES: **7, 8, 9 and 10**

EN ISO 21420

EN 388



3 12 1 X


POLYESTER / NITRILE GLOVE
688NYNCNE *Black polyester glove with black nitrile coating on palm, fingers and back*

- Nitrile is a flexible material that gives the glove high resistance to oils, fats and hydrocarbons.
- Maximum level of dexterity (level 5).
- The glove offers minimal obstacles to performing gestures or tactile sensation. Black colour for staining jobs.

General handling. Mechanical risks. Special glove for handling, assembly, spare parts, construction work, in wet and greasy environments and with a high degree of dirt. Having the fingers impregnated allows for greater exposure and impermeability of the hand.

 Units Box: **120**

 Min Order: **12 pairs**

 SIZES: **7, 8, 9 and 10**
EN 388

3 12 1 X

POLYESTER / POLYURETHANE GLOVE
688NYPUNBL *Seamless polyester gloves. Palms and fingers covered in polyurethane*

- Polyurethane provides the gloves with excellent abrasion resistance and breathability.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- High durability of the glove's useful life.

General Handling. Mechanical risks. Special gloves for precision work. High technology, electronics, clean rooms, assembly of small parts, and packaging.

 Units Box: **120**

 Min Order: **12 pairs**

 SIZES: **7, 8, 9 and 10**
EN 388

2 13 1 X

POLYESTER / POLYURETHANE GLOVE
688NYPUGGG *Grey polyester glove with grey polyurethane coating*

- Polyurethane provides the gloves with excellent abrasion resistance and breathability.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Maximum anti-abrasion level. High durability of the glove's useful life.

General Handling. Mechanical risks. Special glove for precision work where maximum touch and dexterity are required (assembly, packaging, sorting), in grey colour for jobs that stain, extending the life of the glove.

 Units Box: **120**

 Min Order: **12 pairs**

 SIZES: **7, 8, 9 and 10**
EN 388

2 12 1 X

POLYESTER / POLYURETHANE GLOVE
688NYPUNNE *Black polyester glove with black polyurethane coating*

- Seamless polyester textile-based glove with polyurethane coating on palm and fingers and elastic thread at wrist to increase fit.
- Elasticity and tensile strength.
- Good resistance to alcohols, hydrocarbons and solvents.
- Maximum dexterity (level 5).

Jobs requiring dexterity and precision, where a seamless glove that repels snags is required, assembly of small parts, jobs requiring continuous use of the glove, due to its high breathability, packaging and warehouses in general.

 Units Box: **120**

 Min Order: **12 pairs**

 SIZES: **7, 8, 9 and 10**
EN 388

2 12 1 X

NYLON / LYCRA / NITRILE GLOVE
688NYNFDN *Orange polyamide and Lycra glove coated with black nitrile foam with dots*

- Seamless glove with polyamide and Lycra fibre textile support that provides great elasticity
- Ultra-light microporous nitrile foam coating that facilitates breathability and overcoating with nitrile dots that provide maximum grip capacity with larger dots at the fingertips.
- Protection against mechanical damage and heat (up to 100°C for 15 seconds).
- Excellent abrasion resistance. Maximum level of dexterity (level 5).
- Accuracy in the presence of oils and greases.

Agriculture, automotive, mechanical workshops, furniture assembly, maintenance and precision assembly, logistics and warehousing, metalworking industry, loading and unloading, gardening, in any of the above uses where it is also necessary to protect the hands against thermal risks.

 Units Box: **120**

 Min Order: **12 pairs**

 SIZES: **7, 8, 9, 10 and 11**
EN 388 EN 407

4 12 1 X X1XXXX

NYLON / LYCRA / NITRILE GLOVE
688NYNFN *Orange polyamide and Lycra glove coated with nitrile foam*

- Seamless glove with polyamide and Lycra textile support that provides great elasticity, ultra-light microporous nitrile foam coating that facilitates breathability.
- Protection against mechanical attacks.
- Excellent abrasion resistance. Maximum level of dexterity (5). Precision in the presence of oils and fats.

Agriculture, automotive, mechanical workshops, furniture assembly, maintenance and precision assembly, warehousing and warehouses, metalworking industry, loading and unloading, gardening.

 Units Box: **120**

 Min Order: **12 pairs**

 SIZES: **7, 8, 9, 10 and 11**
EN 388

3 12 1 X



LATEX GLOVE WITH SUPPORT

688LCTOPY Top quality latex glove with cotton knit support, elastic cuff and inner lining. Covered back

- Great adhesion: First-class latex coating in crepe finish that provides a high anti-slip coefficient and is especially suitable for handling wet and abrasive objects.
 - High breathability of cotton fabric.
 - Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.
- General Handling. Mechanical risks. Glove especially suitable for construction work, handling, waste management, and work related to metals and wood, industrial, glass, DIY, public works and in general activities with elements not highly sharp.

Units Box: **120** Min Order: **12 pairs**
 SIZE: **9** **EN ISO 21420**

EN 388
1121X



LATEX GLOVE WITH SUPPORT

688EGRIPA Latex glove with polyester/cotton knit support and elastic cuff

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
 - High breathability of the polyester/cotton fabric.
- General handling. Mechanical risks. Gloves especially suitable for construction work, waste, DIY and gardening.

Units Box: **120** Min Order: **12 pairs**
 SIZE: **7, 8, 9 Y 10** **EN ISO 21420**

EN 388
2142X



LATEX GLOVE WITHOUT SUPPORT

688LDY Yellow latex domestic-type glove for protection against superficial mechanical, chemical and microorganism risks

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Rough grip (dots) on palm and nails for greater grip on objects.
- Thickness: 0.38 mm. Length: 30 cm.

General Handling and Mechanical Protection. Cotton flocked interior and recommended for housework, cleaning.

Units Box: **144** Min Order: **12 pairs**
 SIZE: **7, 8 and 9** **EN ISO 21420**

EN 388 EN ISO 374-1 EN ISO 374-5
1010X TYPE A (KLMPS) Valid for food industry



LATEX GLOVE WITHOUT SUPPORT

688LDANA Blue latex household-type glove for mechanical, chemical and microorganism risks

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Blue colour especially suitable for the agri-food industry.
- Excellent non-slip diamond-type grip, excellent grip in wet and abrasive conditions.
- Thickness: 0.45 mm. Length: 30 cm.

Mechanical Protection and Chemical Protection. Satin interior and recommended for the agri-food industry, handling and manufacturing of foods related to meat, fish, fruits and dairy products, domestic tasks (washing), cleaning, laboratories and general maintenance.

Units Box: **100** Min Order: **10 pairs**
 SIZE: **7, 8 and 9** **EN ISO 21420**

EN 388 EN ISO 374-1 EN ISO 374-5 EN 421
1010X TYPE A (KLMPS) ONLY RADIOACTIVE CONTAMINATION Valid for food industry



LATEX GLOVE WITHOUT SUPPORT

688LDNNN Orange latex industrial-type glove for risks such as mechanical, chemical and microorganisms

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Rough grip (dots) on palm and nails for greater grip on objects.
- Thickness: 1 mm. Length: 30 cm.

Mechanical and Chemical Protection. Flocked cotton interior and recommended for handling fruits and vegetables, industrial cleaning work, chemical industry.

Units Box: **100** Min Order: **10 pairs**
 SIZE: **7, 8, 9 and 10** **EN ISO 21420**

EN 388 EN ISO 374-1 EN ISO 374-5
3121X TYPE A (AKLMNOPST) Valid for food industry



DIELECTRIC GLOVE

688DI Natural latex gloves without support for electrical work. Supersafe GP.

- Natural latex base with high dielectric properties.
- The thickness ensures good touch, offering protection up to 36,000V (class 4).
- Resistant to acids, oil, ozone and very low temperatures.
- Certified under ISO9001:2000, they are subject to very rigorous tests: # Visual and dimensional controls. # Dielectric tests in test booths. # Additional tests (mechanical and dielectric).

Electrical Risks. Special gloves for work involving electrical risks (energy, maintenance, telecommunications).

Min Order: **1 pair**

EN 60903

EN ISO 21420

REF.	CLASS	CATEGORY	Max.Voltage (V)		SIZES
			AC	DC	
688DI00BE	00	AZC	500	750	8, 9 and 10
688DI0BE	0	RC	1.000	1.500	8, 9 and 10
688DI1BE	1	RC	7.500	11.250	8, 9,10 and 11
688DI2BE	2	RC	17.000	25.500	8, 9,10 and 11
688DI3BE	3	RC	26.500	39.750	9,10 and 11
688DI4BE	4	RC	36.000	54.000	9,10 and 11



WATERPROOF PVC GLOVE

688PVC27BA 27cm waterproof PVC glove in blue with a double-layered, textured surface

- PVC provides impermeability and good resistance to chemicals, greases and hydrocarbons.
- Very lightweight, flexible, with high dexterity and abrasion resistance.
- Rough double layer finish that provides excellent grip in both dry and wet conditions.
- Length: 27 cm.

General Handling. Waterproof PVC gloves for use in greasy and aqueous media. Flocked cotton interior and recommended for the chemical and petrochemical industry, gas stations, tankers, degreasing, solvents, oils, paints and varnishes, solvents and detergents, hydrocarbons, construction, cleaning (not certified for chemical risk).

Units Box: 120

Min Order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388



4 12 1 X

WATERPROOF PVC GLOVE

688PVC27QR 27cm waterproof PVC gloves in red for mechanical, chemical and microorganism risks

- PVC provides impermeability and good resistance to chemicals, greases and hydrocarbons.
- Good flexibility, high sterility and abrasion resistance.
- Grained finish that provides excellent grip in both dry and wet conditions. Length: 27 cm.

Mechanical and Chemical Protection. Waterproof PVC gloves for multi-use chemical protection in mediums that are greasy, chemical or watery. Flocked cotton interior and recommended for the chemical and petrochemical industry, gas stations, tankers, degreasing, solvents, oils, paints and varnishes, solvents and detergents, hydrocarbons, construction, cleaning.

Units Box: 120

Min Order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388 EN ISO 374-1 EN ISO 374-5



3 12 1 X



Type B (KLP)



VIRUS



WATERPROOF PVC GLOVE

688PVC35QR 35cm waterproof PVC gloves in red for mechanical, chemical and microorganism risks

- PVC provides impermeability and good resistance to chemicals, greases and hydrocarbons.
- Good flexibility, high sterility and abrasion resistance.
- Grained finish that provides excellent grip in both dry and wet conditions.
- Length: 35 cm.

Mechanical and Chemical Protection. Waterproof PVC gloves for multi-use chemical protection in mediums that are greasy, chemical or watery. Flocked cotton interior and recommended for the chemical and petrochemical industry, gas stations, tankers, degreasing, solvents, oils, paints and varnishes, solvents and detergents, hydrocarbons, construction, cleaning.

Units Box: 120

Min Order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388 EN ISO 374-1 EN ISO 374-5



3 12 1 X



Type B (KLP)



VIRUS



NEOPRENE GLOVE

688LBNSIN Two-tone latex gloves with neoprene reinforcement for mechanical, chemical, micro-organisms and viruses' risks

- The combination of Neoprene and Latex allows its use with a wide range of chemicals due to its double immersion.
- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion, and Neoprene provides chemical and mechanical resistance, since it is resistant to acids, solvents and bases.
- Rough grip (dots) on palm and nails for greater grip on objects.
- Thickness: 0,70 mm. Length: 30 cm.

Mechanical and Chemical Protection. Gloves with great dexterity. Cotton interior, focused and recommended for cleaning tasks, fishing industry, construction, degreasing treatments, chemical industry, automotive industry.

Units Box: 100

Min Order: 10 pairs

SIZE: 7, 8, 9 and 10

EN ISO 21420

EN 388



2 110 X

EN ISO 374-1



TYPE A (AKLMNPST)

EN ISO 374-5



VIRUS



Valid for food industry

NEOPRENE GLOVE

688NEONNE Black neoprene gloves for mechanical, chemical, microorganism and virus risks

- High Chemical Protection.
- Neoprene provides chemical and mechanical resistance. Resistant to acids, solvents, industrial adhesives.
- Rough grip (dots) on palm and nails for greater grip on objects.
- Thickness: 0,75 mm. Length: 30 cm.

Mechanical and Chemical Protection. Gloves with great dexterity. Cotton interior, focused and recommended for cleaning tasks, fishing industry, construction, degreasing treatments, chemical industry, automotive industry.

Units Box: 100

Min Order: 10 pairs

SIZE: 8, 9 and 10

EN ISO 21420

EN 388



3 110 X

EN ISO 374-1



TYPE A (AKLMNOPST)

EN ISO 374-5



VIRUS



NEOPRENE GLOVE

688NEOLNNE Black neoprene gloves for mechanical, chemical, microorganism and virus risks

- High Chemical Protection.
- Neoprene provides chemical and mechanical resistance. Resistant to acids, solvents, industrial adhesives.
- Rough grip (dots) on palm and nails for greater grip on objects. Longer cuff for greater protection of the forearm. Thickness: 0,78 mm. Length: 38 cm.

Mechanical and Chemical Protection. Gloves with great dexterity. Cotton flocked interior and recommended for the chemical and oil industry, fertilisers, maintenance, degreasing, transmission assembly, galvanising, industrial cleaning, metals.

Units Box: 36

Min Order: 6 pairs

SIZE: 9

EN ISO 21420

EN 388



3 110 X

EN ISO 374-1



TYPE A (AKLMNPST)

EN ISO 374-5



VIRUS





NITRILE GLOVE WITHOUT SUPPORT

688NDNV Industrial-grade nitrile glove in green for protection against mechanical, chemical, microorganism, and viral risks

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons. Diamond-type grip on the palms for greater hold on objects.
- Maximum anti-abrasion level. High durability of the glove's useful life.
- Thickness: 0,38 mm. Length: 33 cm.

Mechanical and Chemical Protection. Flocked cotton interior and recommended for high chemical protection, degreasing, oils, paints and varnishes, solvents. Also, for food handling.

Units Box: **144**

Min Order: **12 pairs**

SIZE: **7, 8, 9 and 10**

EN ISO 21420

EN 388 **EN ISO 374-1** **EN ISO 374-5** **ISO 18889**



NITRILE GLOVE WITHOUT SUPPORT

688NDLNV Industrial-grade nitrile glove in green for protection against mechanical, chemical, microorganism, and viral risks

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons. Diamond-type grip on the palms for greater hold on objects.
- Maximum anti-abrasion level. High durability of the glove's useful life.
- Thickness: 0,42 mm. Length: 38 cm.

Mechanical and Chemical Protection. Flocked cotton interior and recommended for high chemical protection, degreasing, oils, paints and varnishes, solvents. Also, for food handling.

Units Box: **36**

Min Order: **6 pairs**

SIZE: **9**

EN ISO 21420

EN 388 **EN ISO 374-1** **EN ISO 374-5** **ISO 18889**



NITRILE GLOVE WITH SUPPORT

688NCA Flexible Nitrile gloves with cotton knit backing, rigid cuff and inner lining. Covered back

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating and rigid sleeves provide greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

General Handling. Mechanical risks. Glove specially designed for work in handling objects in greasy, wet, or dirty environment, such as waste, industrial work, DIY, and public works. Maximum anti-abrasion level. High durability and extended glove service life.

Units Box: **120**

Min Order: **12 pairs**

SIZE: **9**

EN ISO 21420

EN 388



NITRILE GLOVE WITH SUPPORT

688NTEA Flexible Nitrile gloves with cotton knit backing, rigid cuff and inner lining. Covered back

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating and rigid sleeves provide greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

General Handling. Mechanical risks. Glove specially designed for work in handling objects in greasy, wet, or dirty environment, such as waste, industrial work, DIY, and public works. Maximum anti-abrasion level. High durability and extended glove service life.

Units Box: **120**

Min Order: **12 pairs**

SIZE: **8, 9 and 10**

EN ISO 21420

EN 388



NITRILE GLOVE WITH SUPPORT

688NCENA Nitrile gloves with cotton knit backing, elastic cuff and inner lining. Breathable back

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating and rigid sleeves provide greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

General Handling. Mechanical risks. Gloves specially designed for work in handling objects in greasy, wet, or dirty environments, such as constructions, handling, waste, industrial work, DIY, public works. Maximum anti-abrasion level. High durability of the glove's useful life.

Units Box: **120**

Min Order: **12 pairs**

SIZE: **7, 8, 9 and 10**

EN ISO 21420

EN 388





NITRILE GLOVE WITH SUPPORT

688NTFNY Flexible Nitrile gloves with cotton knit backing and elastic cuff. Breathable back

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating and rigid sleeves provide greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

General Handling. Mechanical risks. Gloves especially indicated for work handling objects in a greasy, humid or dirty environment, such as construction, handling, waste, industrial work, DIY, public works and in general activities with non-highly sharp elements.

Units Box: **120** Min Order: **12 pairs**

SIZE: **7, 8, 9 and 10** **EN ISO 21420**

EN 388



2 111 X



NITRILE GLOVE WITH SUPPORT

688NCFNY Flexible Nitrile gloves with cotton knit backing and elastic cuff. Breathable back

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating and rigid sleeves provide greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

General Handling. Mechanical risks. Gloves especially indicated for work handling objects in a greasy, humid or dirty environment, such as construction, handling, waste, industrial work, DIY, public works and in general activities with non-highly Sharp elements.

Units Box: **120** Min Order: **12 pairs**

SIZE: **7, 8, 9 and 10** **EN ISO 21420**

EN 388



2 111 X



AMERICAN GLOVE LEATHER AND CANVAS

788PR Mixed 1st grain cow leather and canvas gloves. Rigid sleeves

- Continuous quality in the leather.
- Breathable and with good sweat absorption, combining leather and cotton.

Heavy handling activities, such as steel, rolling, naval sector, loading and unloading of goods, cleaning, handling of heavy manual tools, gardening, agriculture, construction.

Units Box: **120** Min Order: **12 pairs**

EN 388



2 143 B

SIZE: **9** **EN ISO 21420**

AMERICAN GLOVE LEATHER AND CANVAS

788TA American style mixed split cow leather/canvas gloves

- Sleeve and lining in 100% cotton. Cowhide suede with good performance in humid environments, and suitable for heavier work. Offers greater resistance to abrasion.
- Breathable and with good sweat absorption, combining leather and cotton.

Heavy handling activities, such as steel, rolling, naval sector, loading and unloading of goods, handling of heavy manual tools, gardening, agriculture, construction.

Units Box: **120** Min Order: **12 pairs**

EN 388



4 123 X

SIZE: **9** **EN ISO 21420**



AMERICAN GLOVE LEATHER AND CANVAS

788NEBA Mixed 1st split cow leather gloves with rigid cuffs

- American type 1st split cow leather gloves, rigid cuffs and cotton/polyester lining.
- The split leather provides good resistance to cutting and temperature and its high-quality leather provides greater dexterity.
- Breathable and with good sweat absorption, combining leather and cotton.

Heavy handling activities with mechanical risks, such as loading and unloading of goods, cleaning, handling of hand tools, gardening, agriculture, naval sector, assembly.

Units Box: **120** Min Order: **12 pairs**

EN 388



3 243 X

SIZE: **9** **EN ISO 21420**



AMERICAN GLOVE LEATHER AND CANVAS

788NEAMA Mixed 1st split cow leather gloves with rigid cuffs

- Cotton/polyester lining. The split leather provides good resistance to cutting and temperature and its high-quality leather provides greater dexterity.
- Breathable and with good sweat absorption, combining leather and cotton.

General Handling. Mechanical protection. Heavy handling activities with mechanical risks, such as loading and unloading of goods, cleaning, handling of hand tools, gardening, agriculture, naval sector, assembly.

Units Box: **120** Min Order: **12 pairs**

EN 388



3 243 X

SIZE: **9** **EN ISO 21420**





AMERICAN GLOVE LEATHER AND CANVAS REINFORCED

788RWV American-style glove made of top-grade cowhide split leather and canvas, reinforced. Rigid cuff and reinforcement seams

- American type glove with 1st split cow leather and 100% cotton lining.
- Split cow leather performs better in wet environments and is more suitable for heavier work. Offers greater resistance to abrasion.
- Reinforced with split leather and seams in the points where there is greater wear of the glove, thus extending its life.
- Breathable and with good sweat absorption, combining leather and cotton.

Heavy handling activities, such as steel, rolling, naval sector, loading and unloading of goods, handling of heavy manual tools, gardening, agriculture, construction.

Units Box: 120

Min Order: 12 pairs

SIZE: 9

CE EN ISO 21420

EN 388



3 2 3 4 X



AMERICAN GLOVE LEATHER AND CANVAS REINFORCED

788REV Mixed American gloves made of split cow leather/canvas, reinforced on the palms, index fingers and thumbs

- 100% Cotton Lining. Split cow leather performs better in wet environments and is more suitable for heavier work. Offers greater resistance to abrasion.
- Reinforced with split leather in the points where there is greater wear of the glove, thus extending its life.
- Breathable and with good sweat absorption, combining leather and cotton.

General Handling. Heavy handling activities, such as steel, rolling, naval sector, loading and unloading of goods, handling of heavy manual tools, gardening, agriculture, construction.

Units Box: 120

Min Order: 12 pairs

SIZE: 9

CE EN ISO 21420

EN 388



2 2 2 4 X



POLYESTER / LATEX WARM GLOVE

688NYLFRSIN Black polyester gloves with black latex coating

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Excellent non-slip grip that provides good grip in wet and abrasive conditions and great tear resistance. High breathability of polyester fabric.

General Handling. Mechanical Risks and Cold. Special gloves for work where it is necessary to combine protection against mechanical risks and protection against cold (due to climatic conditions or industrial activity) and high adhesion. Outdoor construction work, outdoor maintenance work (roads, railways, aeronautics) and general handling in cold environments or with cold/wet loads that require high adhesion.

Units Box: 120

Min Order: 12 pairs

SIZES: 7, 8, 9 and 10

CE EN ISO 21420

EN 388 EN 511



2 2 4 3 X X 2 X



DRIVER'S TYPE WARM GLOVE

788LFY Full grain cow leather driver gloves with inner lining for warmth

- Excellent quality cow's leather. Warm polyester/cotton inner lining.
- The cow leather grain gives the gloves excellent resistance to abrasion and tears, while giving them greater durability and dexterity.
- Continuous quality in the leather.

General Handling. Mechanical risks. Protection against the cold. Outdoor handling activities with mechanical risks in a dry environment where flexibility, comfort and touch are needed, such as driving jobs (tractors, trucks, crane operators), loading and unloading, logistics tasks, automotive, public works, construction, assembly of parts

Units Box: 120

Min Order: 12 pairs

SIZES: 9

CE EN ISO 21420

EN 388



2 1 3 3 X



DRIVER'S TYPE GLOVE

788LIBL Driver type gloves full grain cow leather and cotton knit back

- High-quality cow leather combined with interlock type cotton. The cow leather grain gives the gloves excellent resistance to abrasion and tears, while giving them greater durability and dexterity. Cotton provides greater breathability and greater comfort.
- Continuous quality in the leather.

General Handling. Mechanical risks. Handling activities with mechanical risks where greater comfort, touch and dexterity are needed such as driving jobs (trucks, crane operators), assembly, small parts, automotive industry.

Units Box: 120

Min Order: 12 pairs

SIZES: 6, 7, 8, 9 and 10

CE EN ISO 21420

EN 388



2 1 2 2 X

DRIVER'S TYPE GLOVE



788LGSG Driver type gloves, natural colour grain (palm) and split leather (back), with trim

- Driver-type glove made of excellent quality full-grain cow leather.
- The leather gives the glove excellent resistance to abrasion and tearing, while also giving it greater durability and dexterity, and the suede on the back provides greater resistance to cutting and puncture. Manufactured under the ISO:9001-2008 quality management system.
- Continuous quality in the leather.

General Handling. Mechanical risks. Handling activities with mechanical risks in dry environments where greater comfort and sensitivity are needed, such as driving (trucks, crane operators), loading and unloading, logistics tasks, automotive, public works, equipment manufacturers, construction.

Units Box: **120**

Min Order: **12 pairs**

SIZES: **8, 9 and 10**

EN ISO 21420

EN 388



2132X

DRIVER'S TYPE GLOVE



788LAJY Yellow cowhide leather driver's glove with trim

- Driver-type glove made of excellent quality full-grain cow leather.
- The leather gives the glove excellent resistance to abrasion and tearing, while also GLOVE it greater durability and dexterity, and the suede on the back provides greater resistance to cutting and puncture. Manufactured under the ISO:9001-2008 quality management system.
- Continuous quality in the leather.

General Handling. Mechanical risks. Handling activities with mechanical risks in dry environments where greater comfort and sensitivity are needed, such as driving (trucks, crane operators), loading and unloading, logistics tasks, automotive, public works, equipment manufacturers, construction.

Units Box: **120**

Min Order: **12 pairs**

SIZES: **8, 9 and 10**

EN ISO 21420

EN 388 EN 407



2121A X1XXXX

DRIVER'S TYPE GLOVE



788LGJBL Cowhide grain driver's glove with ribbing

788LGJBBL Cowhide grain driver's glove with ribbing. BLISTERED

- Driver-type glove made of excellent quality full-grain cow leather.
- The cow leather grain gives the gloves excellent resistance to abrasion and tears, while giving them greater durability and dexterity.
- Continuous quality in the leather.

General Handling. Mechanical and thermal risks (contact heat 100°C for 15 seconds). Handling activities with mechanical risks, such as assembly lines, automotive, household appliances, naval, furniture, public services, railways, agriculture, construction.

Units Box: **120**

Min Order: **12 pairs**

SIZES: **7, 8, 9, 10 and 11**

EN ISO 21420

EN 388 EN 407



2121A X1XXXX

WELDING GLOVE



788MR Top-class cowhide suede with meta-aramid stitching and special inner lining. **35 cm.**

788MAR Top-class cowhide suede with meta-aramid stitching and special inner lining. **40 cm.**

- The split leather gives the glove good resistance to cutting and temperature.
- 1st split cow leather that offers excellent mechanical performance against abrasion and tearing.
- The inner lining provides warmth and thermal insulation.

Welding risk, mechanical risks and thermal risks. Welding and Weighing handling activities and related processes Type A. They also offer protection against mechanical attacks and heat (up to 100°C).

Units Box: **60**

Min Order: **12 pairs**

SIZES: **One size**

EN ISO 21420

EN 388 EN 407 EN 12477



4123X 41224X Type A

788MR_35CM



788MAR_40CM

WELDING GLOVE



788MRMA First-class cowhide suede with meta-aramid stitching and special inner lining. **Thumb reinforcement**

- High-quality cowhide suede with inner lining and fireproof seams (Kevlar thread).
- 1st split cow leather that offers excellent mechanical performance: Maximum abrasion and tear performance (level 4).
- The inner lining provides warmth and thermal insulation.
- The thumb reinforcement gives the gloves greater resistance and durability.

Welding risk, mechanical risks and thermal risks. Welding and Weighing handling activities and related processes Type A. They also offer protection against mechanical attacks and heat (up to 100°C).

Units Box: **60**

Min Order: **12 pairs**

SIZE: **One size**

EN ISO 21420

EN 388 EN 407 EN 12477



4143B 423X4X Type A

WELDING GLOVE



788MXG Full grain cowhide leather on the hand and cowhide suede on the cuff with meta-aramid stitching

- Resistance to abrasion and tearing, while giving them greater durability and, above all, dexterity: Maximum smoothness level (5) for precise welding work (TIG welding).
- Resistance to cutting and temperature in case of small incandescent splashes.
- The inner lining provides warmth and thermal insulation.

Welding risk, mechanical risks and thermal risks. Welding and fine handling activities and related processes Type B. They also offer protection against mechanical attacks and heat (up to 100°C). Other uses: Oil platforms, workshops, citrus picking.

Units Box: **120**

Min Order: **12 pairs**

SIZES: **9, 10 and 11**

EN ISO 21420

EN 388 EN 407 EN 12477



2121X 41221X Type B

Compatible as an over glove of the electric models: • 688-D100 SIZES: 8, 9 and 10 • 688-D10 SIZES: 8, 9 and 10 • 688-D11 SIZE: 9

Model Regulations

This type of PPE is catalogued within category III, which includes complex design equipment intended to protect against any mortal danger or that may seriously and irreversibly harm health, which is why the manufacturer must prepare a CE declaration of conformity after a notified body has issued an EC type certificate and carried out a manufacturing check.

General Requirements.

Requirements applicable to all PPE. Ergonomics, Safety, Comfort and Efficiency.

Additional Requirements.

When PPE has adjustment systems, it must be manufactured in such a way that, once adjusted, it cannot (under normal conditions of use) be de-adjusted regardless of the user's will.

EN353-2_Standard Sliding fall arrest devices with flexible anchor line.

EN354_Standard Fastening elements.

EN355_Standard Energy Absorbers.

EN358_Standard PPE for support in the work position and prevention of falls from a height. Fastening and retention belts and restraint mooring components. Applicable to equipment intended to keep the user in their working position (Restraint) and prevent them from reaching a place where a fall from a height could occur (Retention). In no case should a restraint or retention system be used as a fall arrest system.

EN360_Standard Retractable fall arrest devices

EN361_Standard Fall arrest harnesses.

EN362_Standard Connectors.

EN795_Standard Anchorage devices.

EN363_Standard This standard specifies the terminology and general requirements of fall arrest systems used as PPE for falls from a height. They must be designed and manufactured with a high level of protection that does not generate risks, be easy to put on, light and without misalignments, and that allow for a correct position after stopping.

EN364_Standard Regulates the test methods.

EN365_Standard General requirements for instructions for use and marking.

EN813_Standard Suspension Work.

_Marking

CE marking (as they are category 3 personal protective equipment) followed by the number of the authorised control body.
 Manufacturer name.
 Device model.
 Serial or lot number.
 Month and year of manufacture.
 Manufacturing materials.

_Instructions for Use

Name of manufacturer or distributor and address of the same models, Storage, cleaning and maintenance instructions. Other indications that the manufacturer considers appropriate.

Symbology:



STERNAL hitch



DORSAL hitch



POSITIONING hitch



SEAT hitch



HARNESSES AND BELTS



1888ATSSIN APACHE

Harness for suspension work, fall protection and positioning

- Fall arrest harness with seat harness and adjustable positioning belt with side fastening rings according to EN358. Ventral, dorsal and frontal hook.
- Dorsal and sternal ring in aluminium and in accordance with EN361.
- Aluminium ventral ring in accordance with EN813.
- Padded back and legs.

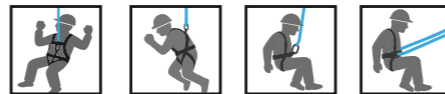
In activities that require working in suspension, with the risk of falling from a height and the need to position oneself to work in activities related to construction, maintenance of façades, towers, poles and scaffolding, industry, refineries, generating plants.

Units Box: **6** Min Order: **1 unit**

EN 361 Fall arrest harnesses

EN 358 Belts and components for fastening and retention

EN 813 Seat harnesses



1888ACSIN STEELTEC-1

Harness with dorsal and frontal attachment with positioning belt

- Highly versatile adjustable harness.
- Front attachment (external).
- Adjustable positioning belt with rings.
- Double regulation in chest and legs for better adaptation.
- Double body dorsal ring for greater safety.

In activities with a risk of falling from heights and the need to position oneself to work in activities related to construction, maintenance of façades, towers, poles and scaffolding, industry, refineries, generating plants, assembly...

Units Box: **7** Min Order: **1 unit**

EN 361 Fall arrest harnesses

EN 358 Belts and components for fastening and retention



1888ACPLUSSIN STEELTEC PRO

Harness with dorsal and sternal attachment with positioning belt and extension

- Dorsal and sternal attachment in accordance with EN 361.
- Padded back and legs.
- Dorsal ring with extender.
- Automatic buckles on legs and chest.

In activities with a risk of falling from heights and the need to position oneself to work in activities related to construction, maintenance of facades, towers, poles and scaffolding, industry, refineries, generating plants, assembly...

Units Box: **6** Min Order: **1 unit**

EN 361 Fall arrest harnesses

EN 358 Belts and components for fastening and retention



1888ABFPROSIN STEELCONFORT 2

Padded with dorsal and sternal attachment

- Dorsal and sternal attachment in accordance with EN361.
- Ergonomic padded back, belt and legs.
- Automatic buckles on legs and chest.

In activities with a risk of falling from a height to work in activities related to construction, maintenance of façades, scaffolding, industry, refineries, generating plants, assemblies...

Units Box: **7** Min Order: **1 unit**

EN 361 Fall arrest harnesses



HARNESSES AND BELTS



1888ABFPLSSIN STEELSAFE-3 PLUS

Adjustable with dorsal hook, 2 front D rings, extension and automatic buckle closures

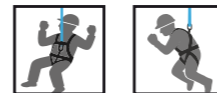
- Very versatile and light harness, designed especially for industrial maintenance (climbing towers...etc.).
- Dorsal extender. Adjustable chest strap, two steel D rings and automatic buckle closure.
- Automatic buckle closures on legs. Double regulation in chest and legs for better adaptation.
- Double body dorsal ring for greater safety.
- Sub gluteal band.

In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

Units Box: 15

Min Order: 1 unit

EN 361 Fall arrest harnesses



Automatic buckles

1888ABF2SIN STEELSAFE-2 PRO

Basic with dorsal attachment and regulation ring

- Dorsal extender.
- Adjustable chest strap two steel D rings and automatic buckle closure.
- Double body dorsal ring for greater safety.

In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

Units Box: 15

Min Order: 1 unit

EN 361 Fall arrest harnesses



1888ABSIN STEELSAFE-1

Basic with dorsal attachment and regulation ring

- Double body dorsal ring for greater safety.

In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

Units Box: 20

Min Order: 1 unit

EN 361 Fall arrest harnesses



1888ABFSIN STEELSAFE-2

Padded with dorsal and sternal attachment

- Front (sternal) hook with coating.
- Double body dorsal ring for greater safety.

In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

Units Box: 20

Min Order: 1 unit

EN 361 Fall arrest harnesses



1888CTSSIN APACHE TREE

Belt for work in suspension and positioning

- Seat harness with positioning belt. Ventral attachment and adjustable positioning belt with lateral fastening rings. Very light and comfortable.
- Padded belt and legs. Adjustable legs.
- Anodised aluminium rings.

In activities with need to position oneself to work, hold on or for jobs that require suspension in construction, cleaning, maintenance, towers, industry...

Units Box: 6

Min Order: 1 unit

EN 358 Belts and components for fastening and retention

EN 813 Seat harnesses



1888CPSIN DAKOTA

Belt for positioning work

- Restraint belt in working position (positioning) and prevention (restraint) of falls from a height.
- Very light, with padded belt. Adjustable.
- 2 lateral rings for securing fastening components. Seams more resistant to ultraviolet (UV) rays.

In activities with need to position oneself to work, hold on or for jobs that require suspension in construction, cleaning, maintenance, towers, industry...

Units Box: 8

Min Order: 1 unit

EN 358 Belts and components for fastening and retention



MOORING AND POSITIONING



1888CU15YMSIN

1.5 metre "Y" rope with carabiners

- 12 mm. Ø "Y" rope with screw steel carabiner and two hook-type carabiners. It allows you to always be attached to the anchor point when moving from one anchor point to another.
- Steel carabiner with 15mm opening thread closure.
- 2 Hook-type steel carabiners with 55mm opening.
- Thimble guard to reduce friction between the carabiners and the rope and facilitate use with the carabiners.

As a restraint element, preventing access to points where a free fall may occur, in activities where it is necessary to frequently move from one anchor point to another.

Units Box: **8**

Min Order: **1 unit**

EN 354 Mooring Elements



1888CURMSIN

Adjustable rope with carabiners

- 14 mm. Ø rope adjustable from 1 to 2 metres in length with carabiners.
- Mooring and positioning element of variable length (from 1 to 2 m).
- Steel carabiner with 15mm opening thread closure.
- Quick opening automatic steel carabiner with 20mm opening.

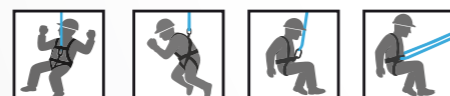
As a mooring and positioning element (restraint and support), preventing access to points where a free fall may occur.

Units Box: **10**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 358 Belts and components for fastening and retention



1888CU15MSIN

1.5 metre rope with carabiners

- 12 mm. Ø rope with steel screw carabiner and hook type carabiner.
- Fixed length mooring element (1.5 metres).
- Steel carabiner with 15mm opening thread closure (to attach to the harness).
- Hook-type steel carabiner with 55mm opening (for point of).
- Thimble guard to reduce friction between the carabiners and the rope and facilitate use with the carabiners.

Mooring element (restraint and support), preventing access to points where a free fall may occur.

Units Box: **10**

Min Order: **1 unit**

EN 354 Mooring Elements



1888CURSIN

Adjustable rope

- 14 mm. Ø rope adjustable from 1 to 2 metres in length (without carabiners).
- Mooring and positioning element of variable length (from 1 to 2 m).
- To adapt EN362 carabiners.

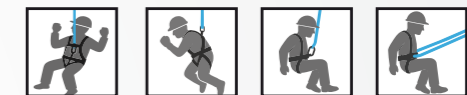
As a mooring and positioning element (restraint and support), preventing access to points where a free fall may occur.

Units Box: **25**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 358 Belts and components for fastening and retention



1888CU1SIN 1 metre rope

Units Box: **50**

1888CU15SIN 1.5 metre rope

Units Box: **10**

- 12 mm. Ø rope with two lateral loops with thimbles.
- Fixed length mooring element.
- Thimble guard to reduce friction between the carabiners and the rope and facilitate use with the carabiners.

As mooring and positioning elements (retention and restraint), preventing reaching points where a free fall could occur.

Min Order: **1 unit**

EN 354 Mooring Elements

EN 358 Belts and components for fastening and retention



1888CURMPSIN

Adjustable rope with regulator and carabiners

- Semi-static rope of 12 mm. Ø adjustable from 1 to 2 metres in length with carabiners. Mooring and positioning element of variable length.
- Regulating device in aluminium.
- Steel carabiner with 15mm opening thread closure.
- Quick opening automatic steel carabiner with 20mm opening.
- Protective tape. Delays rope wear in the contact area in positioning.

As a mooring and positioning element (restraint and support), preventing access to points where a free fall may occur.

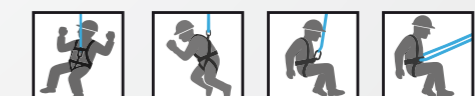
Units Box: **12**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 358 Belts and components for fastening and retention

EN 353-2 Sliding fall arrest devices on flexible anchor line



ENERGY ABSORBERS



1888AEGYSIN

STEEL FLEX Y-shaped elastic strap with shock absorber and carabiners

- Automatic steel carabiner with quick opening, 20 mm. opening (for attaching to the harness) and 2 carabiners in lightweight aluminium hook type 60 mm. opening (for attaching to the anchor point).
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length of 1.50 metres. (including carabiners). Extended length: 1.80 metres.

As a fall arrest element, preventing access to points where a free fall may occur, or as a fall arrest device in activities that require frequent movement from one anchor point to another.

Units Box: **6**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 355 Energy absorbers



1888AEGSIN

STEEL FLEX Elastic Strap with absorber and carabiners

- Quick opening automatic steel carabiner with 20mm opening (to attach to the harness). Lightweight aluminium hook-type carabiner with a quick opening of 60 mm. (for attaching to the anchor point).
- SHOCK, energy dissipator in case of falls from a height.
- Total length of 1.50 metres (including carabiners). Extended length: 1.80 metres.

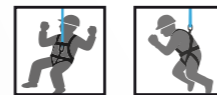
As an anti-fall mooring element, preventing reaching the points where a free fall could occur or as an anti-fall element in case it finally occurs.

Units Box: **8**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 355 Energy absorbers



1888ACISIN

Strap with ERGO SHOCK absorber and carabiners

- 1.80 metre strap with energy absorber and two steel carabiners.
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length of 1.80 metres (including carabiners).
- Two steel carabiners with a 15mm opening screw closure (to attach to the harness and anchor point).

As an anti-fall mooring element, preventing reaching the points where a free fall could occur or as an anti-fall element in case it finally occurs. (Minimum ground clearance of 6 metres).

Units Box: **8**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 355 Energy absorbers



1888ACGYSIN

“Y” strap with ERGO SHOCK absorber and carabiners

- Threaded steel carabiner and 2 hook-type steel.
- Energy dissipator in case of falls from a height.
- Total length of 1.80 metres (including carabiners).
- Total Steel carabiner with screw closure, 15 mm. opening (for attaching to the harness).
- Two hook-type steel carabiners with a 55mm opening (for anchor points).

As a fall arrest anchoring element, preventing access to points where a free fall may occur, or as a fall arrest element in case a fall does occur, in activities that require frequently moving from one anchor point to another (Minimum distance to the ground of 6 metres).

Units Box: **8**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 355 Energy absorbers



1888ASIN

ERGO SHOCK absorber

- Energy absorber with two side loops.
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length: 30 cm. (1.75 m. unstretched).

As an anti-fall mooring element, preventing reaching the points where a free fall could occur or as an anti-fall element in case it finally occurs. (Minimum ground clearance of 6 metres).

Units Box: **10**

Min Order: **1 unit**

EN 355 Energy absorbers



1888ACGSIN

Strap with ERGO SHOCK absorber and carabiners

- Strap with energy absorber, threaded steel carabiner and hook-type steel carabiner.
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length of 1.80 metres (including carabiners).
- Steel carabiner with 15mm opening thread closure (to attach to the harness).
- Hook-type steel carabiner with 55mm opening (for point of).

As an anti-fall mooring element, preventing reaching the points where a free fall could occur or as an anti-fall element in case it finally occurs. (Minimum ground clearance of 6 metres).

Units Box: **8**

Min Order: **1 unit**

EN 354 Mooring Elements

EN 355 Energy absorbers



SAFETY CARABINERS
RETRACTIBLE DEVICES

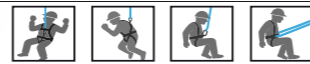
1888MARSIN AZOR
Threaded steel carabiner

- Screw closure mechanism.
- Galvanised steel with Zinc coating.
- Weight: 150 g.
- Opening: 19 mm.
- Static resistance: 22kN.
- Individual presentation.

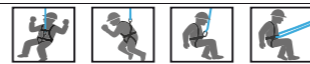
Units Box: 20
Min Order: 1 unit
EN 362 Conectors

1888MALRSIN AZOR ALU
Threaded aluminium carabiner

- Screw closure mechanism.
- Anodised aluminium.
- Weight: 60 g.
- Opening: 19 mm.
- Static resistance: 27kN.
- Individual presentation.

Units Box: 20
Min Order: 1 unit
EN 362 Conectors

1888MAASIN CÓNDROR
Automatic steel carabiner

- Automatic connector (1/4 turn).
- Material: galvanised steel.
- Weight: 200 g.
- Opening: 22 mm.
- Static resistance: 41kN.
- Individual presentation.

Units Box: 18
Min Order: 1 unit
EN 362 Conectors

1888MALASIN CÓNDROR ALU
Automatic aluminium carabiner

- Automatic connector (1/4 turn).
- Material: aluminium.
- Weight: 80 g.
- Opening: 23 mm.
- Static resistance: 23kN.
- Individual presentation.

Units Box: 18
Min Order: 1 unit
EN 362 Conectors

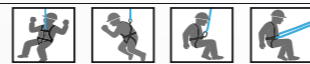
1888MSASIN ÁNADE
Quick opening automatic carabiner

- Automatic shut-off for frequent connections.
- Anodised steel structure.
- Weight: 200 g.
- Opening: 16 mm.
- Static resistance: 25kN.
- Individual presentation.

Units Box: 20
Min Order: 1 unit
EN 362 Conectors

1888MGASIN HALCÓN
Quick opening automatic carabiner

- Automatic shut-off for frequent connections.
- Steel and Zinc coating.
- Weight: 450 g.
- Opening: 52 mm.
- Static resistance: 25kN.
- Individual presentation.

Units Box: 20
Min Order: 1 unit
EN 362 Conectors

1888MGALSIN HALCÓN ALU
Quick opening automatic carabiner

- Automatic shut-off for frequent connections.
- Structure made of anodised aluminium.
- Weight: 500 g.
- Opening: 60 mm.
- Static resistance: 25kN.
- Individual presentation.

Units Box: 10
Min Order: 1 unit
EN 362 Conectors

1888MB25CSIN Retractable anti-fall device with 2.5 m of strap

- Locking, tension and recoil system, so that the worker is restrained if the device detects a fall, tightens the strap while working and automatically collects it once it is loose.
- Maximum total length of 2.5 metres (collected). Polyurethane protective casing.
- Polyester and polyamide textile tape with enhanced visibility for better user signalling during the day.
- Large connection hook with automatic closure at the final end. The connector at the other end must comply with the EN 362 standard — not supplied, but with a handle compatible with the STEELPRO® range of connectors or other connectors that comply with the EN 362 standard according to the user's needs.

As an anti-fall mooring element, preventing reaching the points where a free fall could occur or as an anti-fall element in case it finally occurs. (Minimum ground clearance of 6 metres).

Units Box: 10
Min Order: 1 unit
EN 360 Personal protective equipment against falls from height.

1888B10SIN Retractable anti-fall device with 10 m of strap
1888B15SIN Retractable anti-fall device with 15 m of strap

- Carter made of ABS, very light but highly resistant to impacts.
- Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the cable), with fall indicator.
- Maximum user weight: 140 kg.
- Includes rope to lower the carabiner to the harness once the device is placed at a height.

In activities with a risk of falling from heights, and in particular work requiring freedom of movement, for the user, in activities related to construction, maintenance of facade, towers, industry, refineries, generating plants, assemblies, work on platforms and takers truckers...etc.

Units Box: 2
Min Order: 1 unit
EN 360 Retractable anti-fall device

1888B5CSIN Retractable Fall Arrester Device, 5 m webbing

- Carter made of ABS, very light but highly resistant to impacts.
- Steel carabiner and anti-twist carabiner (prevents webbing twisting and breakage), with fall indicator.
- Device weight: 2 kg. Maximum user weight: 140 kg.
- Includes rope to lower the carabiner to the harness once the device is placed at a height.

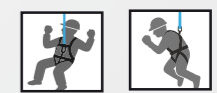
In activities with a risk of falling from heights, and in particular work requiring freedom of movement, for the user, in activities related to construction, maintenance of facade, towers, industry, refineries, generating plants, assemblies, work on platforms and takers truckers...etc.

Units Box: 8
Min Order: 1 unit
EN 360 Retractable anti-fall device

1888B10CSIN Retractable anti-fall device with 10 m of strap

- Carter made of ABS, very light but highly resistant to impacts.
- Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the strap), with fall indicator.
- Device weight: 4,85 kg. Maximum user weight: 140 kg.
- Includes rope to lower the carabiner to the harness once the device is placed at a height.

In activities with a risk of falling from heights, and in particular work requiring freedom of movement, for the user, in activities related to construction, maintenance of facade, towers, industry, refineries, generating plants, assemblies, work on platforms and takers truckers...etc.

Units Box: 4
Min Order: 1 unit
EN 360 Retractable anti-fall device


VERTICAL / HORIZONTAL LIFELINES

Vertical lifeline



- 1888C10SIN** Vertical lifeline rope 10 metres Units Box: **5**
 - 1888C20SIN** Vertical lifeline rope 20 metres Units Box: **5**
 - 1888C30SIN** Vertical lifeline rope 30 metres Units Box: **3**
 - 1888C50SIN** Vertical lifeline rope 50 metres Units Box: **2**
- Min Order: **1 unit**

- 12 mm. Ø vertical lifeline ropes, with screw-lock steel carabiner and thimble.
- Braided polyester rope for use with WIND device. Ref. 1888DFASIN
- Minimum resistance 22KN.

In work involving vertical displacements with a risk of falling, the user is secured at each point of the rope using the WIND sliding fall arrest device. Important note. Lifeline ropes are not considered a PPE in themselves and must always be used with sliding fall arrest devices according to EN353-2. They should therefore never be used directly on the harness but rather using the sliding fall arrest device (WIND).

EN 353-2 Sliding fall arrest devices on flexible anchor



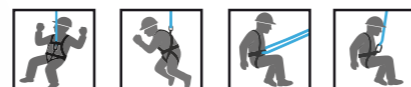
1888DFASIN WIND sliding fall arrest and positioning device

- Made of aluminium, with threaded steel carabiners and energy absorber. Very light, made of anodised aluminium (Weight:180g). For rope with 12-13 mm. Ø. It can be adapted to any section of the rope, without needing to go to the end, as it has an easy-opening mechanism.
- To be used as a fall arrest device on lifeline ropes (1888-C10, 1888-C20...), and for positioning ropes according to EN358.

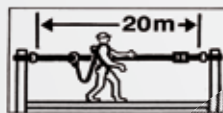
As a sliding fall arrest element on flexible anchor lines (12-13 mm. Ø lifeline ropes) and as a restraint and positioning lanyard component preventing (by removing the shock absorber) reaching the fall point or simply to position oneself with a belt, leaving the user's hands free.

Units Box: **20** Min Order: **1 unit**

EN 353-2 Sliding fall arrest devices on flexible anchor



Horizontal lifeline



1888LVH20SIN Transportable temporary anchoring device

- Adjustable from 2 (min.) to 20 metres (max.) with automatic carabiners.
- Allows the creation of a horizontal lifeline between two anchor points.
- It adjusts to the precise distance, with the use of its tensioner.
- 35mm wide polyester strap, and automatic carabiners.
- Equipment carrying bag, allows you to transport the equipment from one place to another, collect the excess tape once installed, and for storage.
- Certified for two users (CEN/TS 16415).

In activities with a risk of falling from heights (roofs, construction work...), allowing the temporary creation of a horizontal anchor point.

Units Box: **5** Min Order: **1 unit**

EN 795-C Anchoring Device (C: Flexible lifelines)



ANCHOR PLATES AND FIXINGS



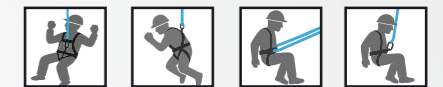
- 1888CA1SIN** Anchor strap 100 cm
- 1888CA2SIN** Anchor strap 200 cm

- 30mm wide polyamide strap, for the creation of an anchor point.
- It allows for the creation of an anchor point on beams, posts, etc.

In activities with a risk of falling from heights, allowing for the temporary creation of an anchor point.

Units Box: **10** Min Order: **1 unit**

EN 795-B Anchoring Device (B: temporary transportable)



Anchor plates for fall protection systems and structural anchors for lifelines, to be fixed to a wall (concrete...). Using expansive mechanical fixings (Zinc Plated or Stainless Steel), 12 or 16 mm. Once installed, the fixing must withstand a static force of 12 kN.



1888COL12SIN

Anchoring device for PLX HCR stainless steel harness. COLT12

- Fixing: Diameter 12. Weight: 69 g

Units Box: **150** Min Order: **1 unit**

EN 795-A Anchoring Device (A: permanent structural elements)



1888COL16SIN

Anchoring device for harness or lifeline in 304 stainless steel. COL 02.16

- Fixing: Diameter 16. Weight: 69 g

Units Box: **75** Min Order: **1 unit**

EN 795-A Anchoring Device (A: permanent structural elements)



1888COGS12SIN

Anchoring device for harness folded at 45° in 304 stainless steel. COL gS.12

- Ideal due to its large eyelet, for installations of anti-fall systems using poles and large-opening carabiners.
- Fixing: Diameter 12. Weight: 195 g

Units Box: **25** Min Order: **1 unit**

EN 795-A Anchoring Device (A: permanent structural elements)



1888COGS16SIN

Anchoring device for harness of lifeline in 304 stainless steel. COL gS.16

- Ideal due to its large eyelet, for installations of anti-fall systems using poles and large-opening carabiners.
- Alternative to 1888-COL gS12 for low quality concrete.
- Fixing: Diameter 16. Weight: 195 g

Units Box: **25** Min Order: **1 unit**

EN 795-A Anchoring Device (A: permanent structural elements)

Mechanical expansion fasteners for fixing the anchor plates: Zinc-plated: For anchors that will not be permanent (less than 2 years). Stainless Steel 304 (A2). For permanent anchoring.



1888FMEC12SIN

12mm zinc plated

Units Box: **150** Min Order: **1 unit**

1888FMA212SIN

Stainless steel A2 de 12 mm.

Units Box: **50** Min Order: **1 unit**

1888FMEC16SIN

16mm zinc plated

Units Box: **100** Min Order: **1 unit**

1888FMA216SIN

Stainless steel A2 de 16 mm.

Units Box: **50** Min Order: **1 unit**

HEIGHT KITS



1888KITESIN

EKO STEEL Fall Protection Kit

- Harness with dorsal ring.
- 1 m strap. in length, sewn directly to the harness using 9 safety seams.
- Steel carabiner with screw closure (15mm opening).
- Includes nylon bag transport.

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **17** Min Order: **1 unit**

- EN 361 Fall arrest harnesses
- EN 354 Mooring Elements
- EN 362 Conectors

1888KIT1SIN

1888ABSIN + 1888CU15SIN + (2) 1888MARSIN + 1888WBGSSIN

- STEELSAFE-1 harness with dorsal attachment (1888ABSIN).
- 1.5 metre rope (1888CU15SIN).
- 2 threaded steel carabiners (1888MARSIN).
- Nylon Bag (1888WBGSSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **12** Min Order: **1 unit**

- EN 361 Fall arrest harnesses
- EN 354 Mooring Elements
- EN 362 Conectors



1888KIT2SIN

1888ABSIN + 1888ACISIN + 1888WBGSSIN

- STEELSAFE-1 harness with dorsal attachment (1888ABSIN).
- Strap with ERGO SHOCK absorber and carabiners (1888ACISIN).
- Nylon Bag (1888WBGSSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **7** Min Order: **1 unit**

- EN 361 Fall arrest harnesses
- EN 362 Conectors

1888KIT3SIN

1888ABSIN + 1888CURSIN + (2) 1888MARSIN + 1888BAGSIN

- STEELSAFE-1 harness with dorsal attachment (1888ABSIN).
- 14 mm. Ø rope adjustable from 1 to 2 metres in length, (1888CURSIN).
- 2 threaded steel carabiners (1888MARSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **7** Min Order: **1 unit**

- EN 361 Fall arrest harnesses
- EN 354 Mooring Elements
- EN 362 Conectors



1888KIT4SIN

1888CPSIN + 1888CURSIN + (2) 1888MARSIN + 1888BAGSIN

- DAKOTA belt for positioning work (1888CPSIN).
- 14 mm. Ø rope adjustable from 1 to 2 metres in length, (1888CURSIN).
- 2 threaded steel carabiners (1888MARSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **1** Min Order: **1 unit**

- EN 358 Belts and components for fastening and retention
- EN 354 Mooring Elements
- EN 362 Conectors

1888KIT5SIN

1888ABFSIN + 1888CURMSIN + 1888BAGSIN

- STEELSAFE-2 harness with dorsal and front attachment (1888ABFSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **7** Min Order: **1 unit**

- EN 361 Fall arrest harnesses
- EN 354 Mooring Elements



1888KIT6SIN

1888ABFSIN + 1888ACGSIN + 1888BAGSIN

- STEELSAFE-2 harness with dorsal and front attachment (1888ABFSIN).
- Strap with ERGO SHOCK absorber and carabiners (1888ACGSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **7** Min Order: **1 unit**

- EN 361 Fall arrest harnesses
- EN 362 Conectors

1888KIT7SIN

1888ABFSIN + 1888DFASIN + 1888C30SIN + 1888BAGSIN

- STEELSAFE-2 harness with dorsal and front attachment (1888ABFSIN).
- WIND anti-fall sliding and positioning device (1888DFASIN).
- 30-metre lifeline rope (1888C30SIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **1** Min Order: **1 unit**

- EN 361 Fall arrest harnesses
- EN 358 Componentes de amarre de sujeción
- EN 353-2 Sliding fall arrest devices on flexible anchor



HEIGHT KITS



1888KIT8SIN

1888ACSIN + 1888CURMSIN + 1888CU15MSIN + 1888BAGSIN

- STEELTEC-1 harness with dorsal and front attachment with positioning belt (1888ACSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- 1.5 metre rope (1888CU15MSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **6** Min Order: **1 unit**

EN 361	Fall arrest harnesses
EN 354	Mooring Elements
EN 362	Conectors
EN 358	Belts and components for fastening and retention



1888KIT11SIN

1888ACPLUSSIN + 1888CURMSIN + 1888AEGSIN + 1888BAGSIN

- STEELTEC PRO harness with dorsal and sternal attachment with positioning belt and extension (1888ACPLUSSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- STEEL FLEX Elastic Strap with absorber and carabiners (1888AEGSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **1** Min Order: **1 unit**

EN 361	Fall arrest harnesses
EN 354	Mooring Elements
EN 362	Conectors
EN 358	Belts and components for fastening and retention
EN 355	Energy absorbers

1888KIT9SIN

1888ACSIN + 1888CURMSIN + 1888ACISIN + 1888BAGSIN

- STEELTEC-1 harness with dorsal and front attachment with positioning belt (1888ACSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- Strap with ERGO SHOCK absorber and carabiners (1888ACISIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **6** Min Order: **1 unit**

EN 361	Fall arrest harnesses
EN 354	Mooring Elements
EN 362	Conectors
EN 358	Belts and components for fastening and retention
EN 355	Energy absorbers



1888KIT12SIN

1888ACPLUSSIN + 1888CURMSIN + 1888AEGYSIN + 1888BAGSIN

- STEELTEC PRO harness with dorsal and sternal attachment with positioning belt and extension (1888ACPLUSSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- STEEL FLEX Y-shaped elastic strap with shock absorber and carabiners (1888AEGYSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **1** Min Order: **1 unit**

EN 361	Fall arrest harnesses
EN 354	Mooring Elements
EN 362	Conectors
EN 358	Belts and components for fastening and retention
EN 355	Energy absorbers



1888BAGSIN

Oxford fabric BACKPACK

- Backpack for transporting and storing harnesses, ropes, carabiners, kits, etc.
- Measurements: 35cm high and ø 25 cm.
- ID holder window for equipment assigned to a single user.

Units Box: **20** Min Order: **1 unit**



1888WBGSSIN

Nylon BAG

- Bag for small kits, harnesses, etc...

Units Box: **250** Min Order: **1 unit**



1888KIT10SIN

1888ACSIN + 1888CURMSIN + 1888ACGYSIN + 1888BAGSIN

- STEELTEC-1 harness with dorsal and front attachment with positioning belt (1888ACSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- "Y" strap with ERGO SHOCK absorber and carabiners (1888ACGYSIN).
- Oxford fabric backpack (1888BAGSIN).

In activities with a risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

Units Box: **6** Min Order: **1 unit**

EN 361	Fall arrest harnesses
EN 354	Mooring Elements
EN 362	Conectors
EN 358	Belts and components for fastening and retention
EN 355	Energy absorbers

HEARING PROTECTION

STEELPRO
SAFETY®



EUROPEAN REFERENCE STANDARDS

EN352-1 Earmuffs

EN352-2 Plugs

EN352-3 Earmuffs attached to a protective helmet

EN352-4 Level-dependent earmuffs

All hearing protectors belong to Category 3 of the PPE classification.

Noise Exposure Assessment

The daily exposure of a worker to noise, equivalent daily level, is expressed in dB(A), a measurement calculated and referred to as 8 hours a day. In workplaces where the daily equivalent level exceeds 80 dB(A), the employer must provide hearing protection to exposed workers. In workplaces where the equivalent daily level or the peak level exceeds 85 dB(A) respectively, all workers must use hearing protection, the mandatory use of which will be indicated in accordance with the provisions of Royal Decree 1316/89.

Acoustic attenuation evaluation

The evaluation methods are included in the ISO 4869 standard: The Octave Band method specifies eight decibel attenuation values at eight different frequencies: 63, 125, 250, 1000, 2000, 4000, 6000 and 8000 Hz. The assumed protection values (APVf) are minimum attenuation values of each referenced frequency. These values are obtained by subtracting, for each reference considered, the average attenuation of the protector at High (H) and Low (L) frequencies.

The HML method specifies three attenuation values in decibels, determined from the attenuation per octave band of the protector. The letters HML represent the average attenuation of the protector at High (H), Medium (M) and Low (L) frequencies.

The SNR method specifies a single attenuation value, Simplified Noise Level Reduction. The SNR value indicates the average attenuation of the protector across all frequency bands.

The HML and SNR values are not derived from an arithmetic mean of the assumed protection values of the octave band measurement, but are derived from the application of logarithmic forms indicated in the ISO 4869 standard.

Selection and Use

Avoid over-protection: avoid choosing protectors that provide too high a noise attenuation as this can cause communication problems or be less comfortable, thus reducing the time the user wears them.

Comfort: the most effective protector is the one that is used continuously. That's why they should be as comfortable as possible. In this way the user is motivated to wear it throughout the entire exposure to noise, a determining factor for real protection. It is advisable that the protector be chosen by the user.

Type of protector: in environments with high temperatures and large accumulation of dust, it is preferable to use earplugs, while in situations of repeated exposure to short-term noise, it is preferable to use earmuffs or earplugs with a harness since their placement and removal is faster.

REF.	NOISE LEVEL			OTHER SELECTION CRITERIA						PAGE No	REF.	NOISE LEVEL			OTHER SELECTION CRITERIA						PAGE No
	MODERATE	HIGH	VERY HIGH	DISPOSABLE	REUSABLE	CORDLESS	WITH CORD	FOOD GRADE	METALFREE			MODERATE	HIGH	VERY HIGH	DISPOSABLE	REUSABLE	CORDLESS	WITH CORD	FOOD GRADE	METALFREE	
 1988TDNN			•	•		•			•	152	 1988OSCNE		•			•				•	156
 1988TDCNN			•	•			•		•	152	 1988OPNY			•		•					155
 1988TRCSN		•			•		•		•	153	 1988OCY	•				•					156
 1988TRCENY	•				•		•		•	153	 1988OCDA		•			•					156
 1988TDDCNA			•	•			•	•		152	 1988OJNYF			•		•			•	•	155
 1988TRDCSA	•				•		•	•		153	 1988OZINNE			•		•					157
 1988TBNA	•				•				•	154	 1988OZIFYP			•		•					157
 1988TBCOA	•				•				•	154	 1988OZIIINNE			•		•				•	157
 1988OER	•				•		•	•		155											
 1988OSNNE	•				•		•	•		155											



DISPOSABLE

1988TDNN EAR MAX

Disposable earplug

- Polyurethane foam, very high attenuation (38tdB).
- Conical hypoallergenic earplugs, very soft and very comfortable, that adapt to most ear canals.
- Dielectric hearing protector, without mechanical components (Metal-free). Auto expandable and orange for greater visibility.
- Dispenser of 200 pairs in individual bag

In all types of activities with high noise levels (heavy and metal industry, construction, automotive, workshops, chemical industry, airports...).

Units Box: **2000** Min Order: **200 units**

EN 352 - 2 Hearing protection. Plugs.

SNR= 38 dB (H=37 / M=36 / L=32)

CAT. III



DISPOSABLE

1988TDCNN EAR MAX

Disposable earplug with cord

- Hypoallergenic silicone, very high attenuation (32 dB).
- Conical hypoallergenic earplugs, very soft and very comfortable, that adapt to most ear canals.
- Dielectric hearing protector, without mechanical components (Metal-free). Auto expandable and orange for greater visibility.
- Dispenser of 100 pairs in individual bag.

In all types of activities with high noise levels (heavy and metal industry, construction, automotive, workshops, chemical industry, airports...).

Units Box: **1000** Min Order: **100 units**

EN 352 - 2 Hearing protection. Plugs.

SNR= 37 dB (H=37 / M=35 / L=30)

CAT. III



DISPOSABLE DETECTABLE

1988TDDCNA EAR MAX TRACK

Detectable earplug, disposable with cord

- Polyurethane foam, very high attenuation (37dB).
- Conical hypoallergenic earplugs, very soft and very comfortable, that adapt to most ear canals.
- With a metal element inside, they help with easy location in case of loss.
- Self-expanding and blue in colour for greater visibility in the food processing industry.
- Dispenser of 100 pairs in individual bag.

In all types of activities with a moderate noise level (metal industry, construction, automotive, workshops, outdoor work, chemical industry...).

Units Box: **1000** Min Order: **100 units**

EN 352 - 2 Hearing protection. Plugs.

SNR=37 dB (H=37 / M=35 / L=30)

CAT. III



REUSABLE

1988TRCENY FIT BASIC

Reusable earplug with cord

- Hypoallergenic TPR thermoplastic. Medium attenuation (31dB).
- Washable, soft and highly comfortable earplugs.
- Safety cord to prevent loss and facilitate use.
- Dielectric hearing protector, without mechanical components (Metal-free). Its structure means there is no direct contact with the plugs (greater hygiene).
- Dispenser of 100 pairs in individual storage box with fastening clip.

In all types of activities with a moderate noise level (metal industry, construction, automotive, workshops, outdoor work, chemical industry...).

Units Box: **1000** Min Order: **100 units**

EN 352 - 2 Hearing protection. Plugs.

SNR=31 dB (H=32 / M=28 / L=26)

CAT. III



REUSABLE

1988TRCSN FIT EAR

Reusable earplug with cord

- Hypoallergenic silicone, with very high attenuation (32 dB).
- Washable, soft and highly comfortable earplugs.
- Dielectric hearing protector, without mechanical components (Metal-free). Its structure means there is no direct contact with the plugs (greater hygiene).
- Dispenser of 100 pairs in individual storage box with fastening clip.

In all types of activities with a moderate noise level (metal industry, construction, automotive, workshops, outdoor work, chemical industry...).

Units Box: **1000** Min Order: **100 units**

EN 352 - 2 Hearing protection. Plugs.

SNR= 32 dB (H=32 / M=29 / L=28)

CAT. III



REUSABLE DETECTABLE

1988TRDCSA FIT TRACK

Reusable detectable earplug with cord

- High attenuation hypoallergenic silicone (33dB).
- Washable, soft and highly comfortable earplugs. Washable, soft and highly comfortable earplugs.
- With a metal element inside, they help with easy location in case of loss.
- Its structure means there is no direct contact with the plugs (greater hygiene).
- Storage, transparent for greater hygiene, with fastening clip.
- Dispenser of 100 pairs in a box.

In all types of activities with a moderate noise level (metal industry, construction, automotive, workshops, outdoor work, chemical industry...).

Units Box: **1000** Min Order: **100 units**

EN 352 - 2 Hearing protection. Plugs.

SNR= 33 dB (H=34 / M=30 / L=27)

CAT. III

REUSABLE WITH HARNESS

1988TBNA NEW BANDED

Reusable earplugs with harness

- Polyurethane foam plugs with band, low attenuation (29dB).
- Very soft and hypoallergenic plugs. Flexible band, very practical and comfortable. They can be placed behind the neck or under the chin to make it compatible with other types of PPE.
- Dielectric hearing protector, without metal components (Metal-free). Interchangeable yellow earplugs that are easily detectable and visible. The band allows you to avoid direct contact with the plugs (greater hygiene).
- Reusable, by changing the plug (replacement plugs reference 1988TBRNY).

Units Box: **150** Min Order: **15 units**

EN 352 - 2 Hearing protection. Plugs.

SNR=29 dB (H=32 / M=26 / L=24) CAT. III

SPARE PART

1988TBRNY

Replacement plugs with band 1988TBNA

Units Box: **2600** Min Order: **200 units**

REUSABLE WITH HARNESS

1988TBCOA

Reusable earplugs with harness

- Polyurethane foam plugs with band, low attenuation (27dB).
- Very soft and hypoallergenic plugs. Flexible band, very practical and comfortable. It can be placed behind the neck or under the chin to make it compatible with other types of PPE.
- Dielectric hearing protector, without metal components (Metal-free). Interchangeable earplugs in yellow, easily detectable and visible. The band allows you to avoid direct contact with the plugs (greater hygiene).
- Reusable using 1988TBCORY refill.

Units Box: **150** Min Order: **15 units**

EN 352 - 2 Hearing protection. Plugs.

NR=27 dB (H=30 / M=24 / L=22) CAT. III

SPARE PART

1988TBCORY

Replacement plugs with band 1988TBCOA

Units Box: **2600** Min Order: **200 units**



19880ER THUNDER

Medium attenuation earmuff (24dB)

- Adjustable in height.
- Dielectric hearing protector, without mechanical components (Metal-free).
- Increased user visibility.
- Angular terminations that generate better sound dispersion behaviour.
- Harness to make its use compatible with helmets, face shields...

In all types of activities with moderate noise (light industry, construction, workshops, outdoor work, food industry, etc.).

Units Box: **50** Min Order: **10 units**

EN 352 - 1 Hearing protection. Earmuffs.

SNR= 24 dB (H=29 / M=21 / L=14) CAT. III



19880SNNE NEW SAMURAI

Medium-high attenuation earmuffs (30dB)

- Adjustable in height.
- Excellent combination of comfort and protection.
- Dielectric hearing protector, without mechanical components (Metal-free).

In all types of activities with moderate noise (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, fishing...).

Units Box: **20** Min Order: **1 unit**

EN 352 - 1 Hearing protection. Earmuffs.

SNR= 30 dB (H= 33 / M= 28 / L= 20) CAT. III



19880PNY THUNDERTRUCK

Very high attenuation earmuffs (32dB)

- Adjustable in height.
- Foldable for easy transport and storage.
- Increased user visibility.
- Increased user visibility. Angular terminations that generate better sound dispersion behaviour.

In all types of activities with high noise levels (light and heavy industry, construction, workshops, outdoor work, carpentry...).

Units Box: **20** Min Order: **1 unit**

EN 352 - 1 Hearing protection. Earmuffs.

SNR=32 dB (H=34 / M=31 / L=23) CAT. III



19880JNYF NEW JUMBO

Very high attenuation earmuffs (34dB)

- Lightweight earmuffs with very high attenuation (34dB).
- Adjustable in height. Padded harness for prolonged use and greater comfort.
- Dielectric hearing protector, without mechanical components (Metal-free).
- Sponge pad material with PVC coating.

In very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

Units Box: **20** Min Order: **1 unit**

EN 352 - 1 Hearing protection. Earmuffs.

SNR=34 dB (H=35 / M=32 / L=25) CAT. III

SPECIAL SERIES



HELMET ATTACHABLE

19880SCNE SAMURAI

Medium attenuation helmet earmuff (26dB)

- Adjustable in height.
- No metal parts. Excellent combination of comfort and protection.

In all types of activities with moderate noise and where the use of an industrial helmet is necessary (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports, and in general outdoor work).

Units Box: **50** Min Order: **1 unit**

CE EN 352 - 3 Hearing protection. Earmuffs attached to a protective helmet.

SNR= 26 dB (H=30 / M=24 / L=17) CAT. III



19880ZIINNE ZEN Series

Hearing protection with high attenuation (34dB)

- Highly comfortable ergonomics with foldable harness to save space and with adjustable harness, covered in PU.
- Indicated in environments with high noise levels. Lightweight plastic plugs.
- High comfort foam pads.
- Very light, only 286g.

In very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

Units Box: **20** Min Order: **1 unit**

CE EN 352 - 1 Hearing protection. Earmuffs.

SNR= 34 dB (H= 36 / M=32 / L= 24) CAT. III



19880ZIIFYF ZEN Series

Hearing protection with high attenuation (34dB)

- Highly comfortable ergonomics with foldable harness to save space and with adjustable harness, covered in PU.
- Indicated in environments with high noise levels. Lightweight plastic plugs.
- High comfort foam pads. Very light, only 286g.

In very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

Units Box: **20** Min Order: **1 unit**

CE EN 352 - 1 Hearing protection. Earmuffs.

SNR= 34 dB (H= 36 / M=32 / L= 24) CAT. III



19880ZIINE ZEN Series

Hearing protection with very high attenuation (34dB)

- Ergonomic, high comfort with adjustable dielectric harness to adapt to the user's size. Indicated in environments with very high noise levels.
- Lightweight plastic plugs.
- Height-adjustable POM plastic dielectric harness.
- High comfort foam pads.
- Very light, only 310g.

In very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

Units Box: **20** Min Order: **1 unit**

CE EN 352 - 1 Hearing protection. Earmuffs.

SNR= 34 dB (H= 35 / M=32 / L= 25) CAT. III



SPARE PART

19880ZKHNE ZEN series hygiene kit

Replacement Earmuffs: 19880ZIINNE / 19880ZIIFYF / 19880ZIINE

Units Box: **100** Min Order: **1 unit**



HELMET ATTACHABLE

19880CY THUNDERSTRUCK

Medium attenuation helmet earmuff (24,5dB)

- Adjustable in height.
- Increased user visibility.
- Increased user visibility. Angular terminations that generate better sound dispersion behaviour.
- With connector to adapt to helmets with a slot.
- Double rest position (in the absence of noise or to hear conversations or alarm signals) and active position.
- Compatible use with Optech 2188PSCSIN helmet welding helmet.

In all types of activities with moderate noise and where the use of an industrial helmet is necessary (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports, and in general outdoor work).

Units Box: **60** Min Order: **1 unit**

CE EN 352 - 3 Hearing protection. Earmuffs attached to a protective helmet.

SNR= 24,5 dB (H=27,4 / M=22,2 / L=14) CAT. III

HELMET ATTACHABLE

19880CDA VOLT

Medium attenuation helmet earmuff (22dB)

- Adjustable in height.
- Excellent combination of comfort and protection.
- Dielectric earmuff (does not allow current to pass through the helmet).
- Compatible with the VOLT series (Helmet 2088CVBL, Headband 2188ACVSIN and Visor 2188VVSIN), forming an exceptional combination for electrical environments.

In all types of activities with moderate noise and where the use of an industrial helmet is necessary (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports, and in general outdoor work).

Units Box: **20** Min Order: **1 unit**

CE EN 352 - 3 Hearing protection. Earmuffs attached to a protective helmet.

SNR= 22 dB (H=27 / M=27 / L=14) CAT. III



DIELECTRIC ASSEMBLY

Helmet **2088CVBL**

Headband **2188ACVSIN**

Visor **2188VVSIN**

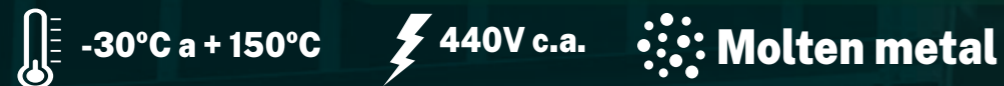


Regulations for head protection

CATEGORY 2 CE EN 397 Industrial Safety Helmets.

The helmet must include at least one cap and one harness. Protection against the effect of falling or thrown objects or moving or suspended loads.

Additional requirements:



CATEGORY 3 CE EN 50365 Helmets for electric risk.

Helmets used in work on low voltage installations, protecting the worker's head from accidental electric shocks, in addition to the usual mechanical risks. This standard applies to helmets designed to withstand a nominal voltage of:



CATEGORY 2 CE EN 812 Industrial anti-shock caps.

Industrial anti-shock caps serve to protect the wearer's head if the head hits hard and immobile objects. Do not confuse a shock-absorbing cap with a safety helmet; the risks they cover are different.

Materials according to the quality and safety they provide to the user:

- 1.- ABS
- 2.- POLYETHYLENE (HDPE)
- 3.- POLYETHYLENE (PE)
- 4.- POLYPROPYLENE (PP)



PROTECTIVE HELMETS



2088CBNY yellow
2088CBNAM navy blue
2088CBNBL white
Helmet with tape closure
 • High Density Polyethylene (HDPE).
 • Plastic inner harness: 6 anchor points and sweatband.
 • *Helmet harness is supplied unassembled.
 Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance...
 Units Box: **30** Min Order: **30 unit.**
 CE EN 397 Protective helmets for industry
 SIZE: **One size adjustable (52/64 cm)**



2088CBA navy blue
2088CBBL white
2088CBY yellow
Helmet with tape closure. MOD. STRIKE
 • High Density Polyethylene (HDPE).
 • Plastic inner harness: 4 anchor points and sweatband.
 • Standard side slot (3mm) to attach earmuffs or visor adapters.
 • Elastic chinstrap with chin guard Ref. 2088BSIN (optional).
 • Indirect ventilation, reduction of temperature and itching.
 Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance...
 Units Box: **20** Min Order: **1 unit**
 CE EN 397 Protective helmets for industry
 SIZE: **One size adjustable (53/63 cm)**



Inner harness



Adjustment strap



2088BABSIN Helmet Accessory
STRIKE helmet soft sweatband
 Units Box: **500** Min Order: **1 unit.**
 SIZE: **One size**



2088BSIN Helmet Accessory
Elastic chin strap with chin guard
 • Compatible with:
 • 2088CB "STRIKE"
 • 2088CR "ROLLER"
 • 2088CT "THOR"
 • 2088CTV "THOR" (Ventilated)
 • 2088CMV "MOUNTAIN"
 • 2088KFN
 • 2088CVI "VISION"
 Units Box: **1000** Min Order: **1 unit.**
 SIZE: **One size**



STEELPRO SAFETY



2088CRBL white
2088CRY yellow
2088CRA navy blue
Helmet with dial closure and textile harness. MOD. ROLLER
 • High Density Polyethylene (HDPE). Inner harness textile: 4 anchor points and sweatband.
 • Standard side slot (3mm) to attach earmuffs or visor adapters.
 • Elastic chinstrap with chin guard Ref. 2088BSIN (optional).
 • Indirect ventilation, reduction of temperature and itching.
 Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance, work at a height...
 Units Box: **20** Min Order: **1 unit.**
 CE EN 397 Protective helmets for industry
 SIZE: **One size adjustable (53/63 cm)**



Inner harness



Adjustment by roulette



2088BASIN Helmet Accessory
Soft anti-sweat band for ROLLER helmet
 Units Box: **500** Min Order: **1 unit.**
 SIZE: **One size**



2088CRNAM navy blue
2088CRNY yellow
2088CRNBL white
Helmet with roulette closure
 • High Density Polyethylene (HDPE). Very comfortable and light.
 • Adjustment using a "roller" type roulette.
 • Plastic inner harness: 6 anchor points and sweatband.
 • *Helmet harness is supplied unassembled.
 Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance...
 Units Box: **25** Min Order: **25 unit.**
 CE EN 397 Protective helmets for industry
 SIZE: **One size adjustable (52/64 cm)**



PROTECTIVE HELMETS

PROTECTIVE HELMETS



2088KFN orange

Forestry Kit. Helmet with roulette closure

- Made of orange polypropylene.
- Plastic interior harness and sweatband. 4 support points Adjustment using a "roller" type roulette.
- Grid visor and adapter for forestry and gardening work.
- Medium attenuation earmuff (SNR 24.5dB).

OPTIONAL accessories:

- Elastic chinstrap with chin guard Ref.2088BSIN
- PVC neck cover for the sun Ref.2088CNN

Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance, work at a height...

Units Box: **12** Min Order: **1 unit.**

EN 397 Protective helmets for industry

EN 166 Eye protection. General requirements

EN 1731 Eye protection. General requirements

EN 352-3 Hearing protection. Earmuffs attached to a protective helmet

SIZE: **One size adjustable (55/62 cm)**



Inner harness



Adjustment by roulette



2088CNN
PVC sun neck guard



2088CTVBL white

Helmet in ventilated ABS. MOD. THOR

- ABS (thermoplastic with great tenacity, hardness and chemical and impact resistance).
- Low temperature resistance (-30°C).
- Roller type roulette closure.
- Textile inner harness: 6 anchor points and sweatband.
- Standard side slot (3mm) earmuffs or visor.
- Elastic chinstrap with chin guard Ref. 2088BSIN (optional).
- Indirect ventilation, reduction of temperature and itching.

Activities in which a protective helmet is required for industry (falling objects), such as construction, public works, industry, maintenance, tunnels...

Units Box: **20** Min Order: **1 unit.**

EN 397 Protective helmets for industry

SIZE: **One size adjustable (53/66 cm)**



Interior insulation using straps



Adjustment by roulette



2088CMVNBL white

2088CMVNAM navy blue

2088CMVNY yellow

ABS helmet with dial closure. 6-point textile harness and chin strap MOD. NEW MOUNTAIN

- ABS (thermoplastic with great tenacity, hardness and chemical and impact resistance). Very good abrasion resistance. Indirect ventilation.
- Forked chinstrap, silicone chin guard 2088BCMN included.
- Rear reflector to increase user visibility.
- Short visor for work at a height and confined spaces.
- Roller type roulette closure.
- Textile inner harness: 6 anchor points and sweatband.
- Thermal insulation expanded polyethylene interior foam.
- Standard side slot (3mm) earmuffs or visor.

Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance, work at a height...

Units Box: **20** Min Order: **1 unit.**

EN 397 Protective helmets for industry

SIZE: **One size adjustable (53/63 cm)**



Interior thermal insulation



Safety reflector (Catadioptric)



2088BCMSIN Helmet Accessory

Bifurcated chin strap with silicone chin guard for NEW MOUNTAIN helmet

Units Box: **500** Min Order: **1 unit.**

SIZE: **One size**



STEELPRO SAFETY

ELECTRICALLY INSULATING HELMETS



2088CVBL white

Electrically insulating ABS helmet. MOD. VOLT

- Made of ABS, hardness, chemical and impact resistance.
- Roller-type dial closure. Short visor for working at heights.
- Textile interior harness with sweatband, 6 anchor points, and padding.
- Standard slit (3 mm) to attach hearing protection earmuffs or visor.
- Forked chinstrap with foam chin guard. 2088BVSIN.

Optional resistances overcome:

- Low temperatures (-30°C).
- Molten metal splashes (MM).

Activities where, in addition to protection for the industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts.

Units Box: 20

Min Order: 1 unit.

EN 397 Protective helmets for industry

EN 50365 Electrically insulating helmets for low voltage installations. Class 0

SIZE: One size adjustable (53/66 cm)



Inner harness



DIELECTRIC KIT



2088BVSIN Helmet Accessory

Replacement bifurcated chin strap with foam chin guard for VOLT helmet

Units Box: 100

Min Order: 1 unit.

SIZE: One size



2088CTBL white

2088CTY yellow

2088CTA navy blue

2088CTR red

2088CTV verde

Electrically insulating ABS helmet. MOD. THOR

- Made of ABS, hardness, chemical and impact resistance.
- Roller type roulette closure. Inner textile harness with sweatband, 6 anchor points.
- Standard slit (3 mm) to attach hearing protection earmuffs or visor.
- Elastic chinstrap with chin guard 2088BVSIN (optional).

Optional resistances overcome:

- Low temperatures (-30°C).
- Molten metal splashes (MM).

Activities where, in addition to protection for the industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts.

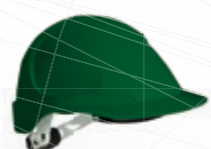
Units Box: 20

Min Order: 1 unit.

EN 397 Protective helmets for industry

EN 50365 Electrically insulating helmets for low voltage installations. Class 0

SIZE: One size adjustable (53/66 cm)



Roller-type wheel



Inner harness

ELECTRICALLY INSULATING HELMETS



2088CVIBL white

Electrically insulating ABS helmet. MOD. VISION

- Made of ABS, hardness, chemical and impact resistance..
- Retractable polycarbonate visor with silicone nose bridge and increased resistance (S). Optics class 1.
- Roller type roulette closure. Short visor for work at a height.
- Inner textile harness with sweatband, 6 anchor points.
- Standard slot (3 mm) for attaching hearing protection earmuffs.
- Elastic chinstrap with chin guard 2088BVSIN (optional).

Optional resistances overcome:

- Bajas temperaturas (-30°C).
- Deformación Lateral (LD)

Activities where, in addition to protection for industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts and protect the eyes from impacts.

Units Box: 20

Min Order: 1 unit.

EN 397 Protective helmets for industry

EN 166 Eye protection. General requirements

EN 50365 Electrically insulating helmets for low voltage installations. Class 0

SIZE: One size adjustable (52/63 cm)



Inner harness



Roller-type wheel



ELECTRICALLY INSULATING HELMETS / FOR HEIGHT



2088CENBL white

2088CENR red

2088CENNE black

2088CENAM navy blue

Electrically insulating PC / ABS helmet. Specially designed for work at a height. MOD. NEW EOLO

- Made of PC/ ABS, hardness, chemical and impact resistance.
- Roller-type dial closure. Short visor for working at heights.
- Textile inner harness with sweatband, 6-point suspension system.
- Standard slot (3 mm) for attaching hearing protection earmuffs.
- Forked chinstrap with silicone chin guard. 2088BCMN.

Optional resistances overcome: Low temperatures (-30°C).

Activities where, in addition to protection for the industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts. Specially designed for work at a height.

Units Box: 20

Min Order: 1 unit.

EN 397 Protective helmets for industry

EN 50365 Electrically insulating helmets for low voltage installations. Class 0

SIZE: One size adjustable (53/63 cm)



Inner harness



2088CEVR red

2088CEVAM navy blue

2088CEVBL white

2088CEVY yellow

2088CEVNE black

2088CEVN orange

Electrically insulating ABS helmet. Suitable for working at heights. MOD. EOLO VENTILATED

- Made of PC/ ABS, hardness, chemical and impact resistance.
- Roller type roulette closure.
- Short visor for work at a height. Inner textile harness with sweatband, 6 anchor points.
- Standard slot (3 mm) for attaching hearing protection earmuffs.
- Forked chinstrap with silicone chin guard. 2088BCMN.

Optional resistances overcome: Low temperatures (-30°C).

Activities where, in addition to protection for the industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts. Specially designed for work at a height.

Units Box: 20

Min Order: 1 unit.

EN 397 Protective helmets for industry

SIZE: One size adjustable (53/63 cm)



Inner harness



2088GPNG grey

2088GPNNE black

2088GPNR red

2088GPNBL white

2088GPNV green

2088GPNAM navy blue

Anti-shock protection cap. MOD. BUMPER

- Baseball-style, 100% cotton. ABS inner cap. Highly impact resistant and with great energy absorption capacity even at low temperatures) with pad.

Activities in which a protective helmet is not required for the industry (falling objects) but there is a risk of hitting the head against hard and immobile objects (shelves / protrusions / transport / fixed tool...).

Units Box: 50

Min Order: 1 unit.

EN 812 Impact helmets for industry work

SIZE: One size adjustable (58/63 cm)



2088GPPNAM navy blue

METAL Free

Impact-resistant protective cap with side ventilation grilles. MOD. BUMPER PRO

- Baseball-style with mesh ventilation. Inner shell in ABS with EVA padding.
- Activities in which a protective helmet is not required for the industry (falling objects), but there is a risk of hitting the head against hard and immobile objects.

Units Box: 50

Min Order: 1 unit.

EN 812 Impact helmets for industry work

SIZE: One size adjustable (58/63 cm)



2088GPPCNAM navy blue

METAL Free

2088GPPCNNE black

Impact-resistant protective cap with side ventilation. MOD. BUMPER PRO

- Baseball-style with mesh ventilation. Inner shell in ABS with EVA padding.
- Activities in which a protective helmet is not required for the industry (falling objects), but there is a risk of hitting the head against hard and immobile objects.

Units Box: 50

Min Order: 1 unit.

EN 812 Impact helmets for industry work

SIZE: One size adjustable (58/63 cm)



2088GPPFNYF yellow

METAL Free

2088GPPFNNF orange

Impact-resistant protective cap with side ventilation. High visibility. MOD. BUMPER PRO

- Baseball-style with mesh ventilation. Reflective bands on both sides. ABS inner shell with EVA inner pad.

Activities in which a protective helmet is not required for the industry (falling objects), but there is a risk of hitting the head against hard and immobile objects.

Units Box: 50

Min Order: 1 unit.

EN 812 Impact helmets for industry work

SIZE: One size adjustable (58/63 cm)



Main occupational risks for the eyes



The EN166 standard defines the basic requirements that eye protectors must meet, in relation to visual field, optical requirements, solidity, resistance to aging, corrosion and ignition.

One of these requirements is solidity. There is a minimum solidity that only filter covers and eyepieces with a filtering effect must meet.

The specific risk will determine the field of use and format of eye protection to be used:

3. Liquids	
4. Coarse dust	
5. Gases and fine dust	
8. Short circuit electric arc	
9. Molten metals	

Resistance to the impact of particles at high speed implies that the eye protector withstands the impact of a steel ball of a mass of 0.86 g at different speeds depending on the energy level:

- F** Low energy impacts (F): $v = 45$ m/s.
- B** Impacts at medium energy (B): $v = 120$ m/s.
- A** High energy impacts (A): $v = 190$ m/s.
- S** Increased solidity
- +T** Extreme temperature (FT, BT, AT)

UNE-EN170:2003 Ultraviolet filters

All classes are designated with the code number 2-, followed by the protection class number. In tasks where colour recognition is required, UV filters with enhanced colour recognition, marked 2C-followed by the protection class, are recommended.

Eyepiece options:

Optical class: The eyepieces can be of optical class 1, 2 or 3. Class 1 is the best optically. Class 3 allows greater deviations and is recommended for use for short periods of time.

Resistance to surface deterioration by fine particles certified. Marked with a K symbol on the eyepieces. Certified fog resistance. Marked with an N symbol on the eyepieces.



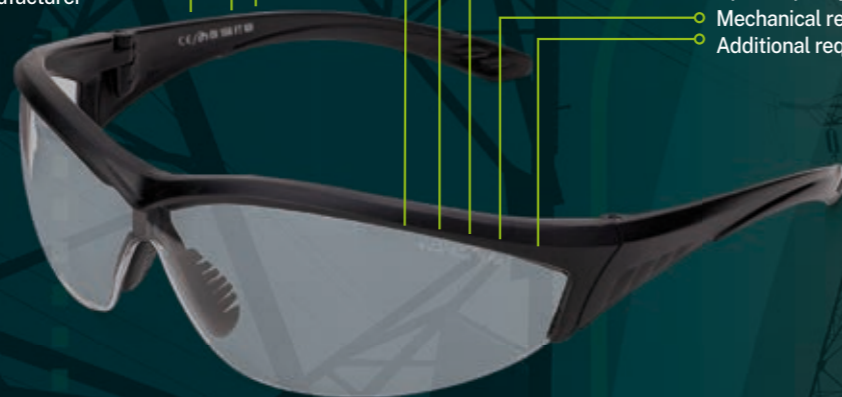
RADIATION RISKS

EN 170
Ultraviolet radiation
Eyepiece tinting: **FAINT**



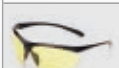










EN 172
Solar radiation
Eyepiece tinting: **GREY**




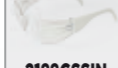



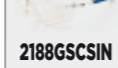
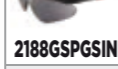






EN 169/171
Infrared radiation
Eyepiece tinting: **GREEN**




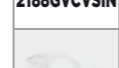
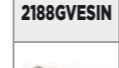
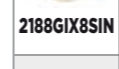
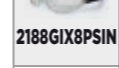






- Mech. resistance
- Standard
- Manufacturer
- Filter type
- Manufacturer
- Optical quality
- Mechanical resistance
- Additional requirements


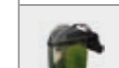

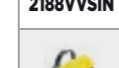


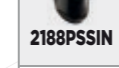



Selection guide

REF.	MECHANICAL AND CHEMICAL RISK		RADIATION RISK		OTHER CRITERIA		PAGE NO.
	PARTICLE PROJECTION	LIQUID DROPS	ULTRAVIOLET (UV)	SOLAR RADIATION	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT	
 2188GCSIN	●		●		●	●	172
 2188GCGSIN	●			●	●	●	172
 2188GCBBSIN	●		●		●	●	172
 2188GCASIN	●		●		●	●	172
 2188GLICSIN	●		●		●	●	173
 2188GLGSIN	●			●	●	●	173
 2188GTACSIN	●		●		●	●	173
 2188GBCSIN	●		●		●	●	174
 2188GYOCSIN	●		●		●	●	174
 2188GXCSIN	●		●		●	●	174
 2188GOCSIN	●		●		●	●	174
 2188GYCSIN	●		●		●	●	175
 2188GRGSIN	●			●	●	●	175
 2188GZSIN	●		●		●	●	175

REF.	MECHANICAL AND CHEMICAL RISK		RADIATION RISK		OTHER CRITERIA		PAGE NO.
	PARTICLE PROJECTION	LIQUID DROPS	ULTRAVIOLET (UV)	SOLAR RADIATION	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT	
 2188GUPSIN	●			●	●		175
 2188GPGSIN	●			●	●	●	175
 2188GDSIN	●	●			●	●	176
 2188GSSIN	●		●		●		176
 2188GSGSIN	●			●	●		176
 2188GSFSIN	●		●		●	●	176
 2188GSFGSIN	●			●	●	●	177
 2188GSCSIN	●		●		●	●	177
 2188GSPGSIN	●			●	●	●	177
 2188GSPESIN	●			●	●	●	177
 2188GLSIN	●		●		●	●	178
 2188GLGSIN	●			●	●	●	178
 2188GNSIN	●		●		●		178
 2188GNASIN	●		●		●	●	178
 2188NGSIN	●			●	●	●	178

REF.	MECHANICAL AND CHEMICAL RISK				RADIATION RISK		OTHER CRITERIA			PAGE NO.	
	PARTICLE PROJECTION	LIQUID DROPS	DUST COARSE PARTICLES	MOLTEN METALS AND HOT SOLIDS	ULTRAVIOLET (UV)	SOLAR RADIATION	INFRARED (IR) WELDING	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT		COMPATIBILITY OF PRESCRIPTION GLASSES
 2188GNVSIN	●						●	●			178
 2188GVC SIN	●				●			●	●	●	179
 2188GVCV SIN	●						●	●	●	●	179
 2188GVE SIN	●				●			●		●	179
 2188GIX8 SIN	●	●						●	●	●	180
 2188GIX8PSIN	●	●	●		●			●	●	●	180
 2188GIX10SIN	●	●	●		●			●	●	●	180
 2188GIX9SIN	●	●		●				●	●	●	181
 2188GIX7	●	●	●		●			●	●		181
 2188GIX6SIN	●	●	●	●				●	●	●	181
 2188GIESIN	●		●	●						●	182
 2188GIASIN	●	●	●	●				●	●		182
 2188-GISSIN	●						●	●	●		182

REF.	MECHANICAL AND CHEMICAL RISK				RADIATION RISK		OTHER CRITERIA			PAGE NO.	
	PARTICLE PROJECTION	LIQUID DROPS	DUST COARSE PARTICLES	MOLTEN METALS AND HOT SOLIDS	ULTRAVIOLET (UV)	SOLAR RADIATION	INFRARED (IR) WELDING	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT		COMPATIBILITY OF PRESCRIPTION GLASSES
 2188VRCSIN	●				●			●		●	183
 2188VRV5SIN	●						●	●		●	183
 2188VVSIN	●	●								●	184
 2188PFSIN	●	●								●	185
 2088KFN	●									●	185
 2188PSSIN	●	●		●			●			●	186
 2188PSCSIN	●	●		●			●			●	186
 2188PSE	●	●		●			●			●	187



UNIVERSAL FRAME

CARBON Series High technology. Ergonomic wrap-around design, very comfortable and light, with soft nose bridge for prolonged use. Eyepiece with certified "Premium" treatment. Resistance to surface deterioration by fine particles K (longer duration and quality of vision) and Resistance to fogging N.



2188GCSIN COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog

Mechanical risks (projections). Radiation risks (ultraviolet UV).
Very light (22g). Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: **144** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protect.). Good colour recognition.

F KN



2188GCSIN GREY EYEPIECE

- Anti-scratch
- Anti-fog

Mechanical risks (projections). Radiation risks (sunlight).
Very light (22g). Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: **144** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-2,5 (Sun protection, factor 2,5)

F KN



2188GCSIN BROWN EYEPIECE

- Anti-scratch
- Anti-fog

Mechanical risks (projections). Radiation risks (ultraviolet UV).
Very light (22g). Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: **72** Min Order: **1 unit**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Solar filters for work use. Class 2C-1.4 (Sun protection, factor 1,4).

F KN



2188GCSIN YELLOW EYEPIECE

- Anti-scratch
- Anti-fog

Mechanical risks (projections). Radiation risks (ultraviolet UV).
Very light (22g). Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: **144** Min Order: **1 unit**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Solar filters for work use. Class 2C-1.2 (Sun protection, factor 1,2).

F KN

UNIVERSAL FRAME

LITIO Series Flexible temples, inner EVA foam (removable) and soft, non-slip rubber nose bridge.



2188GLICSIN COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Protection against ultraviolet UV filters
- Removable EVA foam interior

Seals the glasses, preventing particles from entering. Absorption of impacts, reducing the energy of the blow.

Units Box: **250** Min Order: **10 units**

EN 166 Personal eye protection. General requirements.

EN 170 Protección ocular. Filtros Ultravioletas (UV). Class 2C-1.2 (Protección UV). Buen reconocimiento del color.

FT



2188GLIGSIN GREY EYEPIECE

- Anti-scratch
- Anti-fog
- Protection against ultraviolet UV filters
- Removable EVA foam interior

Seals the glasses, preventing particles from entering. Absorption of impacts, reducing the energy of the blow.

Units Box: **250** Min Order: **10 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV filters). Class 2C-1.2 (UV protection). Good colour recognition.

FT

TITANIUM Series Ergonomic wrap-around design, comfortable and lightweight, with a soft rubber nose bridge, ventilated and non-slip. Eyepiece with certified "Premium" treatment. Resistance to surface deterioration by fine particles K (longer duration and quality of vision) and Resistance to fogging N.



Eyepiece with certified Premium treatment:
Resistance to surface deterioration by fine particles K (longer duration and quality of vision) and Resistance to fogging N.

Ergonomics.
Wrap-around design and very lightweight.

With soft, ventilated and non-slip rubber nose bridge. Ventilated and anti-slip.

2188GTACSIN COLOURLESS EYEPIECE

- Anti-scratch
 - Anti-fog
 - Anthracite-coloured structure
- Mechanical risks (projections). Radiation risks (ultraviolet UV).

USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: **144** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Protección ocular. Filtros Ultravioletas (UV). Class 2C-1.2 (Protección UV). Buen reconocimiento del color.

F KN

UNIVERSAL FRAME



2188GBCSIN Mod. "BARIO"
COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Transparent flexible temples
- Removable EVA foam interior

Mechanical risks (projections).
Radiation risks (ultraviolet UV).
Seals the glasses, preventing particles from entering. Absorption of possible impacts, reducing the energy of the blow.

Units Box: **250** Min Order: **10 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

F



2188GYOCSIN Mod. "YODO"
COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Dual: It can be used as universal frame glasses (legs) or as integral frame glasses (adjustable strap)

EVA foam interior, very light and flexible material, with great capacity to absorb impacts. Absorption of possible impacts, reducing the energy of the blow.
Adjustable optical insert. Allows it to be incorporated into the glasses once graduated eyepieces have been inserted.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

FN



2188GXCSIN Mod. "XENON"
COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Flexible temples
- Removable EVA foam interior

Mechanical risks (projections).
Radiation risks (ultraviolet UV).
Seals the glasses, preventing particles from entering. Absorption of possible impacts, reducing the energy of the blow.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

F



2188GOCSIN Mod. "OSMIO"
COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Flexible temples
- Protection against ultraviolet UV filters
- Removable EVA foam interior

Mechanical risks (projections).
Radiation risks (ultraviolet UV).
Seals the glasses, preventing particles from entering. Absorption of possible impacts, reducing the energy of the blow.

Units Box: **250** Min Order: **10 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

F

UNIVERSAL FRAME



2188GYCSIN Mod. "YTRIO (WOMAN)"
COLOURLESS EYEPIECE

- Anti-scratch / Anti-fog
- Designed especially for women
- Soft rubber nose bridge /Pivoting (tilting) temples

Mechanical risks (projections).
Radiation risks (ultraviolet UV).
USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

FT



2188GRGSIN Mod. "RUNNER"
GREY EYEPIECE

- Anti-scratch
- Anti-fog
- Length-adjustable temples

Protection lens against radiation.

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F



2188GZSIN Mod. "ZOOM"
COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Flexible temples and nose bridges

Wide field of vision.

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2.

F



2188GUPSIN Mod. "URANIO"
GREY EYEPIECE

- Anti-scratch
- Anti-fog
- Eliminates reflections and glare

Mechanical risks (projections).
Radiation risks (ultraviolet UV).

USES In all types of activities, both outdoors, work related to sheet metal, machinery, agriculture, painting and decoration, maintenance work, paving, work with high light, work in the snow, in water (platforms, fishing, water sports, ports...).

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (Sun protection, factor3).

F



2188GPGSIN Mod. "PATROL"
GREY EYEPIECE

- Anti-scratch
- Anti-fog
- Length-adjustable temples

Self-adaptive ergonomic curved design based on the anatomy of the frontal area of the head.

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F

UNIVERSAL FRAME



2188GDSIN Mod. "DUAL" COLOURLESS EYEPIECE

- **Anti-scratch**
- **Anti-fog**
- **Dual: integral frame or universal frame**
- Mechanical risks (projections).
- Impact of particles at high speed and low energy (F).
- Compact and sporty design, comfortable and lightweight, can be used as universal glasses (with temples included), or as full-face glasses (silicone eye cup, and elastic strap).
- Indirect ventilation through micro-grooves to reduce condensation.
- Excellent optical quality (Class 1).

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

F (universal frame) / F 3 (integral frame)

SPY Line wrap-around single-lens safety glasses.



2188GSSIN COLOURLESS EYEPIECE

- **Anti-scratch**
- Mechanical risks (projections).
Radiation risks (ultraviolet UV).
Wrap-around design, very comfortable and with side protection.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

F



2188GSGSIN GREY EYEPIECE

- **Anti-scratch**
- Mechanical risks (projections).
Riesgos por radiaciones (Luz solar).
Wrap-around design, very comfortable and with side protection.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F

SPY CITY Line Clear single-lens wrap-around glasses with flexible temples.



2188GSCSIN COLOURLESS EYEPIECE

- **Anti-scratch**
 - **Anti-fog**
 - **Flexible temples**
- Mechanical risks (projections).
Radiation risks (ultraviolet UV).
Ultra-light (19 grams). Sporty design.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2.

F

UNIVERSAL FRAME

SPY FLEX Line Wrap-around single-lens glasses with flexible temples.



2188GSFSIN COLOURLESS EYEPIECE

- **Anti-scratch**
 - **Anti-fog**
 - **Flexible temples**
- Mechanical risks (projections).
Radiation risks (ultraviolet UV).
Wrap-around design, very comfortable and with side protection.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

F



2188GSFSGSIN GREY EYEPIECE

- **Anti-scratch**
 - **Anti-fog**
 - **Flexible temples**
- Mechanical risks (projections).
Radiation risks (ultraviolet UV).
Wrap-around design, very comfortable and with side protection.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F

SPY PRO Line Wrap-around single-lens glasses with flexible temples.



2188GSPGSIN GREY EYEPIECE

- **Anti-scratch**
 - **Anti-fog**
 - **Flexible temples**
- Mechanical risks (projections).
Radiation risks (sunlight).
Wrap-around design, very comfortable and with side protection.
Flexible hypoallergenic silicone temples for greater comfort and prolonged use.

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F



2188GSPESIN MIRROR GREY EYEPIECE

- **Anti-scratch**
 - **Anti-fog**
 - **Flexible temples**
- Mechanical risks (projections).
Radiation risks (extreme sunlight or heat sources).
Wrap-around design, very comfortable and with side protection.
Flexible hypoallergenic silicone temples for greater comfort and prolonged use.

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Protección ocular. Filtros solares para uso laboral. Class 5-3.1 (protección solar grado 3.1).

F

UNIVERSAL FRAME

LYNX Line Panoramic, with adjustable length temples, pivoting lens and soft, smooth nose bridge.



2188GLSIN COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Length-adjustable temples. Single lens with wide field of vision
- Protection against ultraviolet UV filters
- Mechanical risks (projections). Radiation risks (ultraviolet UV). Ultra-light (30 grams).

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2-1.2.

F T



2188GLGSIN GREY EYEPIECE

- Anti-scratch
- Anti-fog
- Length-adjustable temples. Single lens with wide field of vision
- Mechanical risks (projections). Radiation risks (ultraviolet UV). Ultra-light (30 grams).

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-2 (sun protection grade 2).

F T

NITRO Line Panoramic eyeglasses with adjustable temple length.



2188GNSIN COLOURLESS EYEPIECE

2188GNASIN COLOURLESS EYEPIECE ANTI-FOG

- Anti-scratch
- Length-adjustable temples. Single lens with wide field of vision
- Mechanical risks (projections). Radiation risks (ultraviolet UV).

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2

F



2188GNGSIN GREY EYEPIECE

- Anti-scratch
- Anti-fog
- Length-adjustable temples. Single lens with wide field of vision
- Mechanical risks (projections). Radiation risks (sunlight).

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 172 Eye protection. Solar filters for work use. Class 5-2.5 (sun protection grade 2.5)

F



2188GNVSIN GREEN EYEPIECE

- Anti-scratch
- Anti-fog
- Green welding protection lens grade 5
- Length-adjustable temples. Single lens with wide field of vision
- Mechanical risks (projections).

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 169 Filters for welding and related techniques.

F

UNIVERSAL FRAME

CLARENCE Line Visitor glasses / panoramic over-glasses, with adjustable length temples and pivoting lens.



2188GVCSIN COLOURLESS EYEPIECE

- Anti-scratch
- Anti-fog
- Length-adjustable temples
- Mechanical risks (projections).
- Radiation risks (ultraviolet UV).
- Ultra-light (38 grams).

In all types of activities with risks of projections (metal, wood, stone), visits to factories and industries, construction, and manufacturing in general.

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2-1.2.

F T



2188GVCVSIN GREEN EYEPIECE IR 5.0

- Anti-scratch
- Anti-fog
- Length-adjustable temples
- Mechanical risks (projections).
- Radiation risks (UV Infrared).
- Ultra-light (38 grams).

In welding processes (oxy-cutting and oxyacetylene) grade 5.0.

Units Box: **300** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 171 Eye protection. Infrared filters. Class 4-5 (IR protection grade 5).

F



2188GVESIN Mod. "VISITOR" COLOURLESS EYEPIECE

- Anti-scratch
- Ergonomics
- Side ventilation
- Mechanical risks (projections).
- Radiation risks (ultraviolet UV).

Units Box: **360** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2

F

Universal glasses accessories



2188CGSIN EYEWEAR CORD

Round cord for attaching to universal glasses temples with mini carabiners at the ends. Adaptable to any size and shape of temple using a rubber elastic system and spring fixing.

Units Box: **1000** Min Order: **100 units**

PRO LINE INTEGRAL FRAME



2188GIX8SIN Mod. "X8" COLOURLESS EYEPIECE

- **Anti-abrasion**
- **Anti-fog**
- 180° panoramic polycarbonate PVC structure.
- Mechanical risks (projections, liquid splashes -3).
- Ergonomic design, with co-injected structure.
- Interior reinforcement structure to prevent the entry of liquids.
- Impact of particles at high speed and medium energy (B).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with projectile risks (metal, wood, stone...), jobs with chemical risks (paints...etc.).

Units Box: **120** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

B 3 4



2188GIX8PSIN Mod. "X8 PRO" COLOURLESS EYEPIECE

- **Anti-abrasion**
- **Anti-fog**
- 180° panoramic polycarbonate PVC structure.
- Mechanical risks (projections, liquid splashes -3).
- Ergonomic design, with co-injected structure.
- Interior reinforcement structure to prevent the entry of liquids.
- Impact of particles at high speed and medium energy (B).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with projectile risks (metal, wood, stone...), jobs with chemical risks (paints...etc.).

Units Box: **120** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) Filters Class 2-1.2 (for protection UV).

B 3 4 N



2188GIX10SIN Mod. "X10" COLOURLESS EYEPIECE

- **Anti-fog (n)**
- **Double Direct and Indirect Ventilation**
- Mechanical risks (projections, liquid drops -3-, coarse dust -4-).
- Chemical risks and radiation risks (UV Ultraviolet).
- Impact of particles at high speed and extreme temperatures low energy (FT).
- Compatible with most prescription glasses.
- Nose bridge specially designed to be compatible with masks.

USES In all types of activities with risks of projections (metal, wood, stone), liquids (chemical industry, maintenance, painting, pharmaceutical industry...), coarse dust (cement...).

Units Box: **72** Min Order: **6 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection). Level 2 with good colour recognition.

FT 3 4 N

PRO LINE INTEGRAL FRAME



2188GIX9SIN Mod. "X9" COLOURLESS EYEPIECE

- **Anti-abrasion**
- **Anti-fog**
- PVC structure and pivoting polycarbonate eyepiece.
- Mechanical risks (projections, liquid splashes -3- and splashes of molten metals and hot solids -9-).
- Ergonomic design, with co-injected structure.
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.

USES In all types of activities with risks of projections (metal, wood, stone), coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, ovens...).

Units Box: **60** Min Order: **10 units**

EN 166 Personal eye protection. General requirements.

BT 3 9 KN



2188GIX7N orange

2188GIX7G grey

2188GIX7A blue

Integral glasses for mechanical risks. Mod. "X7" COLOURLESS EYEPIECE

- **Anti-fog**
- **Anti-abrasion**
- **Excellent optical quality (Class 1)**
- Silicone structure and polycarbonate eyepiece.
- Mechanical risks (projections, liquid drops -3-, coarse dust -4-).
- Impact of particles at high speed and medium energy (B).
- Indirect ventilation through micro-grooves to reduce condensation.

USES In all types of activities with risks of projections (metal, wood, stone), liquids (chemical industry, laboratories, spray painting...), coarse dust (pollen...).

Units Box: **150** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) Filters Class 2C-1.2 (for protection UV). Level 2 with good colour recognition.

B 3 4



2188GIX6SIN Mod. "X6" COLOURLESS EYEPIECE

- **Anti-fog**
- **Anti-abrasion**
- **Panoramic integral glasses**
- PVC structure and polycarbonate eyepiece.
- Mechanical risks (projections, liquid drops -3-, coarse dust -4- and splashes of molten metals and hot solids -9-).
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.

USES In all types of activities with risks of projections (metal, wood, stone), liquids (chemical industry, spray painting...) coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, furnaces...).

Units Box: **100** Min Order: **10 units**

EN 166 Personal eye protection. General requirements.

BT 3 4 9 KN

FULL FRAME STEEL LINE



2188GIESIN Mod. "X1" COLOURLESS EYEPIECE

- PVC structure
- Polycarbonate eyepiece
- Mechanical risks (projections, coarse dust, -4- and splashes of molten metals and hot solids-9-).
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, ovens...).

Units Box: **100** Min Order: **20 units**

EN 166 Personal eye protection. General requirements.

BT 4 9



2188GIASIN Mod. "X1 PLUS" COLOURLESS EYEPIECE

- Anti-fog
- Polycarbonate eyepiece
- Mechanical risks (projections, liquid drops -3-, coarse dust -4- and splashes of molten metals and hot solids -9-).
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, ovens...).

Units Box: **100** Min Order: **20 units**

EN 166 Personal eye protection. General requirements.

BT 3 4 9 N



2188GISSIN INTEGRAL WELDING GLASSES Grade 5 flip-up eyepieces and polycarbonate eyepieces (filter covers)

- PVC structure for mechanical risks and radiation risks (IR)
- Flip-up and interchangeable eyepieces. Inactive green glass tone 5 (ø50mm). They provide for welding infrared radiation protection and raise the eyepiece to see the welded piece.
- Indirect ventilation to reduce smoke condensation from welding.
- Compatible with prescription glasses.
- Spare parts:
 - Inactive crystal: 2188LV1V (grades 5, 9, 10, 11 and 13)
 - Polycarbonate filter cover: 2188CF1SIN

USES In all types of activities with risks of projections in work related to welding.

Units Box: **120** Min Order: **12 units**

EN 166 Personal eye protection. General requirements.

EN 169 Filters for welding and related techniques.

EN 175 Equipment for the protection of eyes and face during welding.

F



2188LV1V
50mm green lens.

Units Box: **500** / Min. Order: **10 units**

SIZES: 5/9/10/11/12/13



FACE SHIELD ROCKET LINE



2188VRCSIN VISOR COLOURLESS EYEPIECE

- Polycarbonate, thickness 2.25 mm
- Mechanical risks. Metal projections and splashes
- Radiation risks (UV Ultraviolet)
- Impacts of particles at high speed and at extreme temperatures (BT).
- Splashes of molten metals and hot solids (9).
- Wide field of vision (180°), with curved structure (better impact behaviour).
- Protection towards the chin, with excellent optical quality (Class 1).
- Mechanical risks (metal projections and splashes). Radiation risks (Ultraviolet UV).

Pantalla facial compuesta por:

- Adapter 2188ARSIN
- Visor 2188VRCSIN (sold separately)

USES In all types of activities with risks of projections (metal, wood, stone), splashes of molten metals (chemical industry, foundries, furnaces...).

Units Box: **50** Min Order: **1 unit**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters 2C-1. 2.

BT 3 9



2188VRV5SIN GREEN EYEPIECE VISOR, Tone 5.0

- Polycarbonate, thickness 2.25 mm
- Mechanical risks (projections and splashes of molten metals and hot solids)
- Risks due to Infrared radiation IR tone 5.0 for welding processes
- Impacts of particles at high speed and at extreme temperatures (BT).
- Splashes of molten metals and hot solids (9).
- Wide field of vision (180°), with curved structure (better impact behaviour).
- Protection towards the chin, with excellent optical quality (Class 1).

Pantalla facial compuesta por:

- Adapter 2188ARSIN
- Visor 2188VRCSIN (sold separately)

USES In all types of activities with risks of projections (metal, wood, stone), splashes of molten metals (chemical industry, foundries, furnaces...).

Units Box: **50** Min Order: **1 unit**

EN 166 Personal eye protection. General requirements.

EN 171 Eye protection. Infrared filters 4- 5.

BT 3 9



2188ARSIN HEAD-ADJUSTABLE Visor Mount

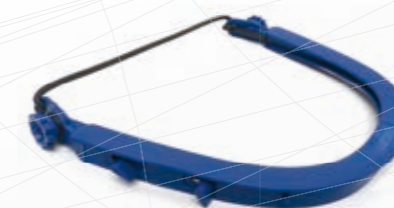
- "Roller" type adjustment for an easy and comfortable fit
- Mechanical risks (projections and splashes of molten metals and hot solids)
- Radiation risks (UV Ultraviolet)

Units Box: **10** Min Order: **1 unit**

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters 2C-1. 2.

BT 3 9



2188ARCSIN ADAPTER dielectric and resistant to high temperatures

- ROCKET visors can also be used on a helmet with the use of the 2188ARCSIN universal adapter

Units Box: **50** Min Order: **1 unit**

FACE SHIELD VOLT DIELECTRIC LINE



VOLT FACE SHIELD

- Polycarbonate, thickness 2.25 mm
- Mechanical risks
- Radiation risks (UV Ultraviolet)
- Impacts of particles at high speed and at extreme temperatures (BT).
- Liquid splashes (3).
- Protection against short circuit electric arc (8).
- Protection against splashes of molten metals and hot solids (9).
- Wide field of vision (180°), with curved and ergonomic structure.
- Excellent optical quality (Class 1).
- 400 mm (width) x 205 mm (length) folding visor.
- Radiation risks (UV Ultraviolet).

Face shield composed of:
-visor support 2188SVNE
-visor 2188VVSIN (sold separately)

Can also be used:
-Dielectric adapter 2188ACVSIN
for "Volt" dielectric helmet 2088CVBL

USES In all types of activities with risks of projections, splashes of molten metals, splashes of liquids or electrical risks in construction, public works, industry, mining, maintenance, work at height, tunnels....

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet Filters (2-1.2).



2188VVSIN COLOURLESS EYEPIECE

- Polycarbonate, thickness 2.25 mm
- High mechanical, electrical and chemical resistance
- Impacts of particles at high speed and at extreme temperatures (BT).
- Splashes of molten metals and hot solids (9).
- Wide field of vision (180°), with curved structure (better impact behaviour).
- Protection towards the chin, with excellent optical quality (Class 1).

Can be used as a face shield with:
- visor support 2188SVNE (sold separately)

Using: Dielectric adapter 2188ACVSIN for "Volt" dielectric helmet 2088CVBL

Units Box: 50 Min Order: 1 unit

EN 166 Personal eye protection. General requirements.

EN 170 Eye protection. Ultraviolet (UV) filters.



2188SVNE VISOR SUPPORT adjustable to head

- Polycarbonate with high mechanical, electrical and chemical resistance
- Roller head adjustment

As a face shield with:
-visor 2188VVSIN (sold separately)

Units Box: 10 Min Order: 1 unit

EN 166 Personal eye protection. General requirements.



2188ACVSIN ADAPTER for "VOLT" dielectric helmet 2088CVBL

- Polycarbonate with high mechanical, electrical and chemical resistance
- Roller head adjustment

Units Box: 10 Min Order: 1 unit

EN 166 Personal eye protection. General requirements.



Dielectric assembly with VOLT helmet, adapter 2188ACVSIN and visor 2188VVSIN

FACE SHIELDS CRASHER LINE



2188PFSIN CLEAR VISOR FACE SHIELD

- Face shield for mechanical risks (liquid projections and splashes)

Face shield composed of:
-visor support 2188SY
-visor 2188VVSIN

USES In all types of activities with risks of projections (metal, wood, stone), liquid splashes (chemical industry, agriculture, painting and decoration, maintenance), and manufacturing in general.

Units Box: 60 Min Order: 10 units

EN 166 Personal eye protection. General requirements.

BT 3



Kit Forestal 2088KFN

2188VSIN POLYCARBONATE VISOR

- High resistance
- Measurements: 395 thick x 200 high x 1 mm thick
- Visor without metal components
- Replacement face shield 2188PFSIN

Units Box: 200 Min Order: 10 units

EN 166 Personal eye protection. General requirements.

2188VRSIN GRILLE VISOR

- For forestry and gardening work
- For use with 2188SY support to form a face shield (sold separately)
- For use with FOREST KIT 2088KFN

Units Box: 200 Min Order: 1 unit

EN 166 Personal eye protection. General requirements.

EN 1731 Mesh eye and face protectors



2188SY POLYPROPYLENE SUPPORT FOR VISOR

- Adjustable to the head, very light and secure with a roller-type adjustment for an easy and comfortable fit, with an anti-sweat band

Units Box: 60 Min Order: 1 unit

EN 166 Personal eye protection. General requirements.



2188ACSIN UNIVERSAL SPRING ADAPTER

- For helmet-mounted visors 2188VSIN, 2188VRV5SIN, 2188VRC5IN and 2188VRSIN

Units Box: 100 Min Order: 1 unit

EN 166 Personal eye protection. General requirements.



2188ACOSIN UNIVERSAL ADAPTER

- For visors 2188VSIN, 2188VRV5SIN, 2188VRC5IN and 2188VRSIN for helmet slot directly or when using earmuff 1988OCY

Units Box: 80 Min Order: 1 unit

EN 166 Personal eye protection. General requirements.

OPTECH LINE WELDING FACE SHIELDS

OPTECH LINE



2188PSSIN WELDING SCREEN TONE 11

- **Folding visor**
- **Polypropylene, very light, but with high resistance to temperature, impact and chemical attacks**
- Adjustable interior harness with screw closure for sparks and IR radiation from welding processes.
- It allows you to lift the welding lens to view the welded piece without having to remove the screen and still be protected by the filter cover.
- Folding interior harness with screw closure and sweatband.
- Ergonomic and rounded design that allows no incandescent pieces or drops of molten metal to remain on the surface of the screen and minimises impacts.
- With tone 11 welding glass and filter cover (SIZES 108x51mm).
- Replacement lenses available in shades 5, 9, 10, 11, 12 and 13.
- Spare harness 2188APSSIN.

USES In all types of welding activities in workshops, shipyards, metal industry, maintenance welding, public works...

Units Box: 40 Min Order: 1 unit

- EN 166 Personal eye protection. General requirements.
- EN 169 Eye protection. Welding filters.
- EN 175 Equipment for the protection of eyes and face during welding.



2188PSCSIN DING SCREEN TONE 11 ADAPTABLE TO HELMET

- **Folding visor**
- **Adaptable to helmets with a standard 3mm slot, for sparks and IR radiation from welding processes**
- **Polypropylene, very light, but with high resistance to temperature, impact and chemical attacks**
- Folding visor, which allows you to lift the welding lens to view the welded piece without having to remove the screen and remain protected by the filter cover.
- Ergonomic and rounded design that allows no incandescent pieces or drops of molten metal to remain on the surface of the screen and minimises impacts.
- Compatible with helmet earmuff ref. 1988OCY.
- With tone 11 welding glass and filter cover (SIZES 108x51mm).
- Replacement lenses available in shades 5, 9, 10, 11, 12 and 13.

USES In all types of welding activities in workshops, shipyards, metal industry, maintenance welding, public works...

Units Box: 50 Min Order: 1 unit

- EN 166 Personal eye protection. General requirements.
- EN 169 Eye protection. Welding filters.
- EN 175 Equipment for the protection of eyes and face during welding.



2188APSSIN REPLACEMENT INNER HARNESS FOR 2188PSSIN
Units Box: 50 Min Order: 1 unit



2188LVV REPLACEMENT GREEN LENS FOR 2188PSSIN AND 2188PSCSIN
• OPACITY LEVELS: 5, 11, 12 and 13
Units Box: 500 Min Order: 10 units



2188CFSIN REPLACEMENT FILTER COVER FOR 2188PSSIN AND 2188PSCSIN
Units Box: 1000 Min Order: 1 unit



ELECTRONIC WELDING SCREEN Variable tone (4/9 -13)

2188PSEG grey

2188PSE red

2188PSEA blue

- **Folding visor**
- **Electronic filter automatically variable to the selected tone (from 9 to 13), for sparks and IR radiation in welding processes.**
- **Self-darkening filter: 110x90mm minimum UV protection tone 4 (clear).**
- **Polycarbonate, very light, but with high impact resistance, as well as good electrical insulation, and high resistance to weather and UV rays.**
- **Folding interior harness with screw closure and sweatband.**
- **Curved shapes to protect from incandescent parts or molten metal drops and minimise impacts.**
- **Arc detection sensitivity control.**
- **Powered by solar cell (+ two 3V lithium batteries for support).**

USES In all types of welding activities in workshops, shipyards, metal industry, maintenance welding, public works...

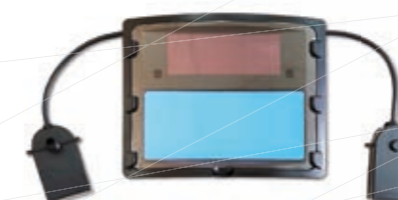
Units Box: 4 Min Order: 1 unit

- EN 166 Personal eye protection. General requirements.
- EN 169 Eye protection. Welding filters.
- EN 175 Equipment for the protection of eyes and face during welding.
- EN 379 Eye protection. Automatic welding filters.



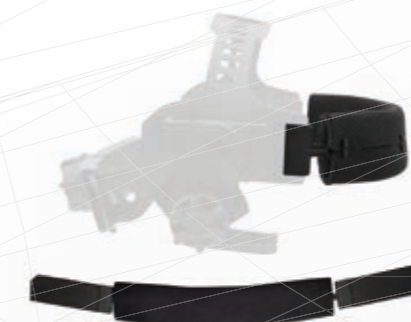
2188RCFSIN REPLACEMENT SET INNER/OUTER FILTER COVER FOR 2188PSE

Units Box: 250 Min Order: 1 unit



2188FESIN ELECTRONIC FILTER REPLACEMENT FOR 2188PSE

Units Box: 30 Min Order: 1 unit



2188APSESIN REPLACEMENT HARNESS ANTI-SWEAT BAND FOR 2188PSE

Units Box: 50 Min Order: 1 unit



European reference standards

- EN 149** Self-filtering masks for protection against particles.
- EN 405** Self-filtering masks with protection valves against gases or gases and particles.
- EN 140** Half masks.
- EN 136** Masks.
- EN 141** Gas filters and mixed filters.
- EN 146** Filtering devices against particles, with assisted ventilation.
- EN 13794** Closed-circuit self-contained breathing apparatus for evacuation.

All teams belong to category III (risk of death or serious injury) from the classification of PPE. To determine the selection of the mask and/or filter, it is necessary to know: the contaminant, its concentration and its toxicity, the TLV value, the nominal protection factor of the protector, the required protection factor.

TLV or Occupational Exposure Level
It is the maximum concentration of a substance contained in the air, calculated as an average over a period of 40 hours per week during which, according to current knowledge, a worker can be exposed day after day without a probable risk to their health.

Nominal Protection Factor
The relationship between the concentration of a contaminant in the environment and its possible concentration inside the mask. It is calculated from the maximum permissible internal leakage value (%), which is obtained for any equipment from a standardised EN test.

Required Protection Factor
The relationship between the average concentration of the contaminant in the workplace and the TLV.

Dividing the average concentration of the contaminant in the workplace by the TLV of that contaminant yields the required protection factor. The appropriate equipment must provide a nominal protection factor higher than the required protection factor. Example:








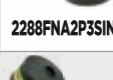
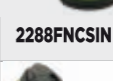
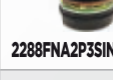
Cellulose contaminant (solid particle)
Concentration 40 mg/m³
TLV 5 mg/m³
Required Protection Factor 40/5 = 8
FFP2 recommendation (nominal protection factor 12)

Replacing filters: it is not possible to determine the effectiveness of a filter, since various factors influence its duration; relative humidity, temperature, respiratory rate, lung capacity, concentration and nature of the contaminant. It is recommended to replace the filter when you notice an increase in respiratory resistance or the smell of the contaminant.

	Face masks EN 149	Face masks EN 405	Half-mask EN 140	Masks EN 136	Filters for particles, gases, and combination filters	
Particles P1	4,5	4,5	4,5	5	P (white)	Particles class 1 (P1), class 2 (P2), and class 3 (P3)
Particles P2	12	12	12	16	A (brown)	Organic gases and vapours
Particles P3	50	50	50	1000	B (grey)	Inorganic gases and vapours (not CO)
Gases and vapours	-	20	20	2000	E (yellow)	Acid gases and vapours
					K (green)	Ammonia

Note: These tables are indicative. It must be the preventionist who recommends to the end user which protection is the most appropriate based on measurements in the workplace.

REF.	PARTICLES			GASES AND VAPOURS				OTHER CRITERIA			PAGE NO.
	LEVEL P1	LEVEL P2	LEVEL P3	ORGANICS	INORGANICS	ACIDS	AMMONIA	DISPOSABLE	REUSABLE	BAD SMELLS	
 2288MM2CAVBL		●						●			192
 2288MM2VBL		●						●			192
 2288MM3PVBL			●					●			192
 2288MM3VBL			●					●			192
 2288MP2CAVBL		●						●			193
 2288MP2VBL		●						●			193
 2288MP3VBL			●					●			193
 2288SEG								●			194
 2288FP3CASIN			●					●			195
 2288FP3SIN			●	●				●	●		195
 2288FA1SIN				●						●	195

REF.	PARTICLES			GASES AND VAPOURS				OTHER CRITERIA			PAGE NO.
	LEVEL P1	LEVEL P2	LEVEL P3	ORGANICS	INORGANICS	ACIDS	AMMONIA	DISPOSABLE	REUSABLE	BAD SMELLS	
 2288FCSIN				●	●	●	●			●	195
 2288FA1P3SIN				●	●					●	195
 2288FCP3SIN				●	●	●	●	●		●	195
 2288PP2SIN				●				●			194
 2288RSIN											194
 2288MFSIN										●	196
 2288FNA2P3SIN				●	●					●	196
 2288FNCSIN				●	●	●	●				196
 2288FNA2P3SIN				●	●	●	●			●	196
 2288AOQSIN											197

DISPOSABLE FACE MASKS



2288MM2CAVBL FFP2 NR MOULDED

Disposable FFP2 face mask, exhalation valve and activated carbon

- Polypropylene with activated carbon, FFP2 protection factor (12XTLV) for particles, and solid and liquid aerosols. Activated carbon allows the reduction of certain types of gases and vapours in low concentration (organic decomposition gases, annoying odours...).
- Exhalation valve. Adjustable aluminium nose clip with inner pad.

In activities involving low-toxicity particles, such as woodworking, agriculture, mining, construction, foundry work, welding fumes, waste collection, metal manufacturing, powdered chemicals and additives, flour, food processing, ceramics, laboratories, shipyards...

Units Box: **240** Min Order: **12 units**

EN 149 Respiratory protection devices CAT. III

SIZE: **One size**



2288MM2VBL FFP2 NR MOULDED

FFP2 disposable mask with exhalation valve

- FFP2 (12XTLV) particle protection for solid and liquid particles and aerosols, with 94% filtration efficiency, composed of 3 layers.
- Exhalation valve. Adjustable aluminium nose clip with inner pad.

In activities involving low-toxicity particles, such as woodworking, agriculture, mining, construction, foundry work, welding fumes, waste collection, metal manufacturing, powdered chemicals and additives, flour, food processing, ceramics, laboratories, shipyards...

Units Box: **240** Min Order: **12 units**

EN 149 Respiratory protection devices CAT. III

SIZE: **One size**



2288MM3PVBL FFP3 NR MOULDED

FFP3 disposable mask with exhalation valve

- Polypropylene with protection factor FFP3 (50XTLV) for particles, solid and liquid aerosols.
- Exhalation valve. Adjustable aluminium nose clip with inner pad in soft PU leather around the entire inner contour.

Use in activities with toxic particles in work with asbestos, toxic fibres, wood, plant protection products, mining, construction, foundry, welding, metal manufacturing, pharmaceutical industry, toxic powder chemicals and additives, food, fish farms, ceramics, shipyards, agriculture and livestock, biological risks (viruses, bacteria...).

Units Box: **100** Min Order: **5 units**

EN 149 Respiratory protection devices CAT. III

SIZE: **One size**



2288MM3VBL FFP3 NR MOULDED

FFP3 disposable mask with exhalation valve

- FFP3 (50XTLV) particle protection for solid and liquid particles and aerosols, with 94% filtration efficiency, composed of 3 layers.
- Exhalation valve. Adjustable aluminium nose clip with inner pad.

Use in activities with toxic particles in work with asbestos, toxic fibres, wood, plant protection products, mining, construction, foundry, welding, metal manufacturing, pharmaceutical industry, toxic powder chemicals and additives, food, fish farms, ceramics, shipyards, agriculture and livestock, biological risks (viruses, bacteria...).

Units Box: **240** Min Order: **12 units**

EN 149 Respiratory protection devices CAT. III

SIZE: **One size**



STEELPRO SAFETY



2288MP2CAVBL FFP2 NR FOLDED

Disposable FFP2 face mask, exhalation valve and activated carbon

- Polypropylene with activated carbon, FFP2 protection factor (12XTLV) for particles, and solid and liquid aerosols. Activated carbon allows the reduction of certain types of gases and vapours in low concentrations (organic decomposition gases, unpleasant odours, etc.), with filtration efficiency of $\geq 94\%$.
- Exhalation valve. Adjustable aluminium nose clip with inner pad.
- Double heat-sealed elastic adjustment, without staples.

In activities involving low-toxicity particles, such as woodworking, agriculture, mining, construction, foundry work, welding fumes, waste collection, metal manufacturing, powdered chemicals and additives, flour, food processing, ceramics, laboratories, shipyards...

Units Box: **200** Min Order: **10 units**

EN 149 Respiratory protection devices CAT. III

SIZE: **One size**



2288MP2VBL FFP2 NR FOLDED

FFP2 disposable mask with exhalation valve

- Polypropylene with FFP2 (12XTLV) protection factor for particles and aerosols solids and liquids, with filtration efficiency of $\geq 94\%$.
- Exhalation valve. Adjustable aluminium nose clip with inner pad.
- Double heat-sealed elastic adjustment, without staples.

In activities involving low-toxicity particles, such as woodworking, agriculture, mining, construction, foundry work, welding fumes, waste collection, metal manufacturing, powdered chemicals and additives, flour, food processing, ceramics, laboratories, shipyards...

Units Box: **200** Min Order: **10 units**

EN 149 Respiratory protection devices CAT. III

SIZE: **One size**



2288MP3VBL FFP3 NR FOLDED

FFP3 disposable mask with exhalation valve

- Disposable foldable FFP3 (50XTLV) particle protection face mask with exhalation valve, for solid and liquid particles and aerosols, with filtration efficiency of $\geq 99\%$.
- Exhalation valve. Adjustable aluminium nose clip with inner pad.
- Double heat-sealed elastic adjustment, without staples.

Use in activities with toxic particles in work with asbestos, toxic fibres, wood, plant protection products, mining, construction, foundry, welding, metal manufacturing, pharmaceutical industry, toxic powder chemicals and additives, food, fish farms, ceramics, shipyards, agriculture and livestock, biological risks (viruses, bacteria...).

Units Box: **200** Min Order: **10 units**

EN 149 Respiratory protection devices CAT. III

SIZE: **One size**

HALF-MASK AND FILTERS



2288SEG Mod. "BREATH" Half mask for two filters (Steelpro filters)

- Half mask respirator made of hypoallergenic thermoplastic. Very comfortable, soft and light (only 85g).
- Compact design allows excellent compatibility with other protective equipment (goggles, earmuffs...), and an excellent fit to the face, providing comfortable and hygienic protection.
- Head and neck harness, very comfortable and easy to use.
- Ergonomic design allows a perfect balance of the weight of the filters and a wide field of vision.
- Central exhalation valve with anti-impact design.
- Threaded filter connection system makes it easy to assemble and disassemble the STEELPRO reusable filters.

Activities with respiratory risk from particles (metal industry, construction, phytosanitary products, wood, stone, cement...), organic and inorganic gases and vapours (chemical industry, metal, maintenance, painting, pharmaceutical industry...). Consult filters depending on the contaminant.

Units Box: 12 Min Order: 1 unit

EN 140 Half masks CAT. III

SIZES: S/M/L



2288PP2SIN STEELPRO P2 pre-filter for filters 2288FA1SIN and 2288FCSIN

Option for gas filters A1 (2288FA- 1SIN) and ABEK1 filter (2288FCSIN). It provides P2 particle protection, slows down gas filter saturation (prevents entry of particles and dust) and is interchangeable. It adapts to the gas filter using the 2288RSIN retainer.

Units Box: 1.000 Min Order: 2 units



2288RSIN P2 pre-filter retainer on 2288PP2SIN filters

Units Box: 500 Min Order: 2 units

NOTE:
The information in the filters is merely indicative. It must be the end user, who with the help of the risk preventionist, chooses the most appropriate respiratory protection based on the various factors that occur in the workplace (types of contaminants, concentration, exposure time, oxygen level...). The useful life of the filter will depend on the conditions of use (exposure time, type of contaminant, type of contaminant...). Replace when the filter is saturated or has lost its filtering capacity. The most common symptoms to detect when the filter needs to be changed are difficulty breathing and when you begin to notice the smell of the contaminant.



STEELPRO SAFETY



2288FP3CASIN ACTIVATED CARBON

- Activated carbon allows the reduction of certain types of gases and vapours in low concentration (organic decomposition gases, annoying odours...).
- P3 filter (class 3 particles). Dusts, Mists and Fumes.

Handling of powdered substances (cement, wood, stone, fibres, flours...), construction and quarries (dust, sand...), Mining (Chlorates, Cobalt, Copper, Quartz-Silica, Lead...), Industry (fumes, welding, cutting aluminium, steel, oxides, caustic soda, phosphoric acid...), Agriculture and Gardening (Sulphur and Arsenic powder, pesticide spraying...), Maintenance (dusting and sweeping, sanding, very dusty environments, caustic soda), Work with Asbestos.

Units Box: 100 Min Order: 2 units

EN 143



2288FP3SIN P3 filter (class 3 particles). Dusts, Mists and Fumes

Handling of powdered substances (cement, wood, stone, fibres, flours...), construction and quarries (dust, sand...), Mining (Chlorates, Cobalt, Copper, Quartz-Silica, Lead...), Industry (fumes, welding, cutting aluminium, steel, oxides, caustic soda, phosphoric acid...), Agriculture and Gardening (Sulphur and Arsenic powder, pesticide spraying...), Maintenance (dusting and sweeping, sanding, very dusty environments, caustic soda), Work with Asbestos.

Units Box: 100 Min Order: 2 units

EN 143



2288FA1SIN FILTER A1 (Organic Gases and Vapours Class 1)

Exterior painting and decoration, Manufacturing (vehicles, ships, dyes and pigments, adhesives, resins, acetate...) Maintenance with the presence of organic matter (bad odours, fishing, gasoline, ethyl alcohol...).

Units Box: 80 Min Order: 2 units

EN 14387



2288FCSIN ABEK1 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 1)

Industry (electrolytic processes, organic and inorganic chemical industry, hydrocyanic acid, hydrogen fluoride...), Agriculture (agrochemical products...), Maintenance (cleaning with acids, with chlorine, with Ammonia, Industrial Maintenance, Food Maintenance...), Manufacturing (Chemistry, Refrigeration Equipment, household appliances...), Agriculture and Gardening (organic and inorganic chemicals, acids...).

Units Box: 80 Min Order: 2 units

EN 14387

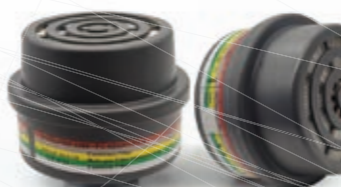


2288FA1P3SIN FILTER A1P3 (Organic Gases and Vapours Class 1 and Particles Class 3)

Painting and decoration (spray paint, solvents, varnishes, resins...), Manufacturing (vehicles, ships, household appliances, dyes and pigments, adhesives, food), Maintenance with the presence of organic mists and organic substances, Industry (organic fumes and vapours, organic chemical processes...), Agriculture and Gardening (manure, organic handling, pesticides...), Livestock, Cleaning with solvents.

Units Box: 72 Min Order: 2 units

EN 14387



2288FCP3SIN ABEK1P3 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 1 and Particles Class 3)

Industry (Metal, Foundries, Organic and inorganic chemical industry, Pharmaceuticals...), Agriculture (Agrochemical products, phytosanitary products, herbicides, fumigation...), Fishing (fish farms, processing...), Maintenance (Disinfection, domestic and industrial cleaning, Sodium Hypochlorite...), Industrial Maintenance, Food Maintenance, Manufacturing (Chemical, ships, cars, Refrigeration Equipment, household appliances, hydrochloric acid, Nitric Sulphide, Sulphuric acid...).

Units Box: 72 Min Order: 2 units

EN 14387

FACE MASK AND FILTERS

SELF-RESCUER



228MFSIN Mod. "ANDROMEDA"

Silicone face mask (standard filters)

- Made with Class 2 hypoallergenic silicone.
- Anti-fog and anti-scratch polycarbonate visor.
- Adjustable harness with 5 attachment points.
- Spare parts: Polycarbonate visor 2288VSIN / Harness 2288ASIN.

In all types of activities with risk of respiratory particles (metal industry, construction, phytosanitary, wood, stone, cement, asbestos...), organic and inorganic gases and vapours (chemical industry, metal, maintenance, painting, pharmaceutical industry, agrochemical, industrial cleaning, laboratories...). Consult filters depending on the contaminant.

Units Box: 20

Min Order: 1 unit



Masks

CAT. III

SIZE: One size



2288FNA2P3SIN

FILTER A2P3 (Organic Gases and Vapours Class 2 and Particles Class 3)

Painting and decoration (spray paint, solvents, varnishes, resins...), Manufacturing (vehicles, ships, household appliances, dyes and pigments, adhesives, food), Maintenance with the presence of organic mists and organic substances, Industry (organic fumes and vapours, organic chemical processes...), Agriculture and Gardening (manure, organic handling, pesticides...), Livestock, Cleaning with solvents...

Units Box: 32

Min Order: 1 unit



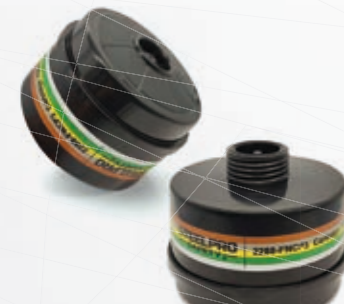
2288FNCSIN

ABEK2 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 2)

Industry (electrolytic processes, organic and inorganic chemical industry, hydrocyanic acid, hydrogen fluoride...), Agriculture (agrochemical products...), Maintenance (cleaning with acids, with chlorine, with Ammonia, Industrial Maintenance, Food Maintenance...), Manufacturing (Chemistry, Refrigeration Equipment, household appliances...), Agriculture and Gardening (organic and inorganic chemicals, acids...).

Units Box: 32

Min Order: 1 unit



2288FNCP3SIN

ABEK2 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 2 and Particles Class 3)

Industry (Metal, Foundries, Organic and inorganic chemical industry, Pharmaceuticals...), Agriculture (Agrochemical products, phytosanitary products, herbicides, fumigation...), Fishing (fish farms, processing...), Maintenance (Disinfection, domestic and industrial cleaning, Sodium Hypochlorite...), Industrial Maintenance, Food Maintenance, Manufacturing (Chemical, ships, cars, Refrigeration Equipment, household appliances, hydrochloric acid, Nitric Sulphide, Sulphuric acid...).

Units Box: 32

Min Order: 1 unit



2288VSIN

Replacement visor "ANDROMEDA" mask

Units Box: 50 Min Order: 1 unit



2288ASIN

Replacement harness "ANDROMEDA" mask

Units Box: 50 Min Order: 1 unit

NOTE: The information in the filters is merely indicative. It must be the end user, who with the help of the risk preventionist, chooses the most appropriate respiratory protection based on the various factors that occur in the workplace (types of contaminants, concentration, exposure time, oxygen level...). The useful life of the filter will depend on the conditions of use (exposure time, type of contaminant...). Replace when the filter is saturated or has lost its filtering capacity. The most common symptoms to detect when the filter needs to be changed are difficulty breathing and when you begin to notice the smell of the contaminant.



2288AOQSIN

Oxypro-30 chemical oxygen self-rescuer

Closed-circuit self-contained breathing apparatus of the chemical oxygen type for evacuation.

- **Autonomous:** It is not permanently connected to any external oxygen supply (limited duration) and therefore not connected to any fixed element (full mobility).
- **Closed circuit:** It is isolated from the outside; it does not filter the contaminated atmosphere of the environment. The exhaled and inhaled air recirculates within the equipment itself. DO NOT CONFUSE WITH FILTERING RESPIRATORY PROTECTION.
- **Chemical oxygen:** The cartridge contains chemicals to absorb CO2 and absorb moisture and generate oxygen through KO2 (Potassium Peroxide).
- **Evacuation:** Only valid for escape situations from the contaminated area. Limited oxygen generation. Not valid for continuous work.
- It is a respiratory protective device that the user wears individually and protects him/her against harmful atmospheres or atmospheres with oxygen deficiencies (< 20.5%).
- Therefore, it is Personal Protective Equipment and by protecting against a fatal or very serious risk it is **Category III**.



TECHNICAL CHARACTERISTICS AND SPECIFICATIONS

- Inhalation temperature ≤50°C
- Size (mm) 202x119x191
- Weight (Kg) 2.2
- Autonomy of use 30 min at 35 l/min
- Useful life in transport mode 5 years
- Useful life in storage 10 years
- Chemical Oxygen type K (KO2)

REGULATIONS AND CERTIFICATION

EN 13794:2002. Complies with Annexe A for underground use. EU Type Certificate No. EPT 0477.PPE.19/3366 (Module B). Certificate No. EPT 0477.PPE.20/4023 (Module D). Certified by: EUROFINS. Product Testing Italy S.r.l. Via Cuorgne, n° 21 - 10156 - TORINO - ITALY. Notified body no. 0477.

- En In the event of a lack of oxygen, smoke or dangerous gases, these devices provide the user with more time to reach the nearest safe area or successfully escape from the scene.
- Confined spaces for construction, maintenance, repair or inspection. (Reactors, storage tanks, sedimentation, etc., underground transformer rooms. Tunnels. Underground works in general. Sewers. Service galleries. Ship warehouses. Underground vaults. Transport tankers).
- Underground mining.

Units Box: 6

Min Order: 1 unit



CAT. III

SIZE: One size



OTHER PROTECTIVE ARTICLES
STEELPRO SAFETY

EMERGENCY EYE WASH

Sterile saline solution of 0.9% Sodium Chloride in different dispenser formats.

- Specially designed 1 litre bottle.
- Easy removal, use and application.
- No mechanical parts.
- Disposable (greater safety).
- Clear instructions for quick and easy application.
- Embossed use direction arrow (temporary blindness).
- Eye support ring that facilitates prolonged washing.
- Gentle flow through 6 tiny jets for 3 minutes.
- Expiry date that indicates the end of its useful life.
- Rounded base (prevents its removal and placement near other bottles).

USES: All types of work where eye damage may occur and that require an immediate eyewash response in seconds. Mechanical damage (dust, dirt...), Splashes of degreasing agents (benzene...), Splashes of acids, Splashes of alkaline substances (bleach, caustic soda, ammonia, lime, cement...). Chemical plants, laboratories, cleaning and maintenance tasks...etc.

EN 15154-4 European regulations for eyewashes not connected to the water network. Directive 93/42/EEC Annex V on medical devices.



2388L121SIN
200 ml pocket eyewash bottle. Tobin Eyewash

It allows you to start eye washing immediately due to its accessibility, as well as relieving blindness that would make it difficult to locate. Especially for mobility jobs (cleaning, industrial maintenance...), which do not guarantee proximity to eyewash stations.

Units Box: **35** Min Order: **1 unit**
EN 15154-4 EU regulations for eyewashes.



2388L125SIN
500 ml pocket eyewash bottle. Tobin Eyewash

It allows you to start eye washing immediately and in places where eyewash stations are not easily accessible (cleaning vehicles, mobile maintenance, etc.). Easy use and application by turning the green caps.

Unit Box: **12** Min Order: **1 unit**
EN 15154-4 EU regulations for eyewashes.

LAVAOJOS DE SEGURIDAD



2388L130SIN
Two 1-litre bottle station
For mobile units (trucks, ships, trains...) or wall mounting (screws included). In a protective cabinet (against impacts, dirt, etc.). 6-minute total flow per eye.
Unit Box: **1** Min Order: **1 unit**
EN 15154-4 EU regulations for eyewashes.



2388L127SIN
Two 1-litre bottle station
For mobile units (trucks, ships, trains...) or wall mounting (screws included). 6-minute total flow per eye.
Unit Box: **1** Min Order: **1 unit**
EN 15154-4 EU regulations for eyewashes.



2388LPANY
Self-contained portable eyewash

- 34 litre capacity in High Density Polyethylene (HDPE) tank.
- Provides a flow of water into the eyes through gravity for 15 minutes. Ideal in situations where the continuous flow of drinking water is not possible.
- Water flow: 1.5 Litres of water per minute (maximum 15 minutes).
- Net weight: 4.7 kg. / Gross weight (with full tank): 39 kg.
- Assembly: On a flat surface or to anchor to the wall with the help of a stainless-steel bracket (included).

USES: In all types of aggressive environments and where there is no possibility of connecting to the water network. Industrial plants, chemical plants, desalination plants...

Unit Box: **1** Min Order: **1 unit**
EN 15154-4 European regulations for eyewashes.



2388L126SIN
1 litre replacement bottle for eyewash stations. (pack of 2 units). Tobin Eyewash
Unit Box: **1** Min Order: **1 unit**
EN 15154-4 EU regulations for eyewashes.



2388L101MNY
Wall eyewash only

2388L101NY
Galvanised steel eyewash station

- To be used in cases of splashes of elements harmful to the eyes, in which the water produces a swiping effect of the harmful substance.
 - Steel structure with galvanised treatment and ABS bucket.
 - It is activated manually by lever or pedal.
 - Supplied through the drinking water network.
- Technical characteristics:
- Hydraulic pressure: 0.2 to 0.8 MPA
 - Water entry: 1/2-inch IPS
 - Water outlet: 1 - 1/4-inch IPS

USES: In industrial and chemical plants where the environment is not particularly saline or corrosive

Unit Box: **1** Min Order: **1 unit**
EN 15154-2 European regulations for eyewashes.

SAFETY SHOWERS AND EYEWASH STATIONS



2388D101NY

Galvanised steel eyewash shower

- To be used in cases of splashes of elements harmful to the eyes, in which the water produces a swiping effect of the harmful substance.
 - It consists of a shower and an eyewash station, which can be operated by lever or pedal (eyewash station) and by pull handle (shower). It must be supplied with drinking water.
- Technical characteristics:
- Shower head and tub: 270 ± 5mm (diameter)
 - Eyewash valve: 3/8"
 - Water entry: 1/2-inch IPS
 - Water outlet: 1 1/4-inch IPS

USES: Any place where fire, chemical or radioactive splashes may occur and first aid is needed. In industrial and chemical plants where the environment is not particularly saline or corrosive.

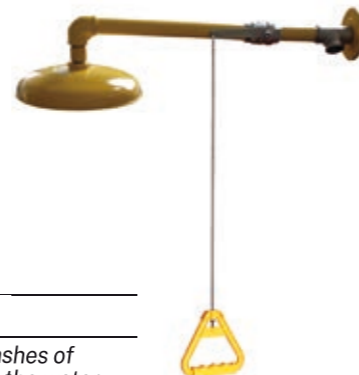
Unit Box: 1

Min Order: 1 unit

EN 15154-1-2 European regulations for showers and eyewashes.

2388D101MY

Wall shower only



2388DAINSIN

304 stainless steel eyewash showers

- Made entirely of 304 stainless steels, for use in cases of splashes of harmful elements to the eyes or body of the worker, in which the water produces a washing effect of the harmful substance.
 - Manual activation of ball valves.
 - Supplied through the drinking water network.
- Technical characteristics:
- Hydraulic pressure: 0.2 to 0.8 MPA
 - Water entry: 1/2-inch IPS
 - Water outlet: 1 1/4-inch IPS

USES: in aggressive environments and all types of industrial environments where a more resistant material than galvanised steel is needed (not recommended in marine environments).

Unit Box: 1

Min Order: 1 unit

EN 15154-1-2 European regulations for showers and eyewashes.

2388DAIPNSIN

316 stainless steel eyewash showers

- Made entirely of 316 stainless steels, for use in cases of splashes of harmful elements to the eyes or body of the worker, in which the water produces a washing effect of the harmful substance.
 - 316 steel is a special steel, of excellent quality, with very high resistance to corrosion.
 - Manual activation of ball valves.
 - Supplied through the drinking water network.
- Technical characteristics:
- Hydraulic pressure: 0.2 to 0.8 MPA
 - Water entry: 1/2-inch IPS
 - Water outlet: 1 1/4-inch IPS

USES: in highly aggressive environments, saline environments and all types of industrial environments where the highest resistance stainless steel is required (platforms, chemical plants and water treatment plants on the coast...).

Unit Box: 1

Min Order: 1 unit

EN 15154-1-2 European regulations for showers and eyewashes.



SAFETY SHOWER AND BLANKETS

2388DDPSIN

Portable Decontaminating Shower. M200

- High resistance PVC. Easy and simple assembly and disassembly through connections.
- Easily connects to a running water outlet.
- 5 atomisers.
- 2 protective screens.
- Oxford fabric bag for storage and transport.
- 2310mm (height), 861mm (width), 980mm (depth).
- Weight: 12 kg.
- Materials: PVC-U and ABS.

USES: chemical plants, industrial plants, platforms, laboratories, etc. where there is a risk of chemical splashes requiring emergency body decontamination.

Unit Box: 1

Min Order: 1 unit

EN 15154-1 European regulations for showers.



2388MSIN

Fireproof Blanket Fire extinguisher

- Made of fiberglass.
- To suffocate small fires preventing the arrival of oxygen.
- PVC box to hang in a visible place on the wall and near the probable source of fire, with a handle for extraction.
- Thickness: 0.40mm / Maximum temperature: 540°C.
- Available in the following sizes:
2388MSIN(S) 100 x 100 cm.
2388MSIN(M) 120 x 120 cm.
2388MSIN(L) 120 x 180 cm.
2388MSIN(XL) 180 x 180 cm.

USES: in domestic kitchens, restaurants, laboratories...to extinguish small fires directly on the ignition point or in case the user's clothing catches fire (not suitable for welding processes).

Units Box: 20 *Except size XL: 10 units

Min Order: 1 unit

EN 1869 European regulations on requirements for fire blankets.



2388MSSIN

Welding Blanket 200x200 cm

- Made of fiberglass.
- Individually packaged in a bag.
- Work temperature: 600°-800°C.
- Peak temperature: 1.400°-1.600°C.

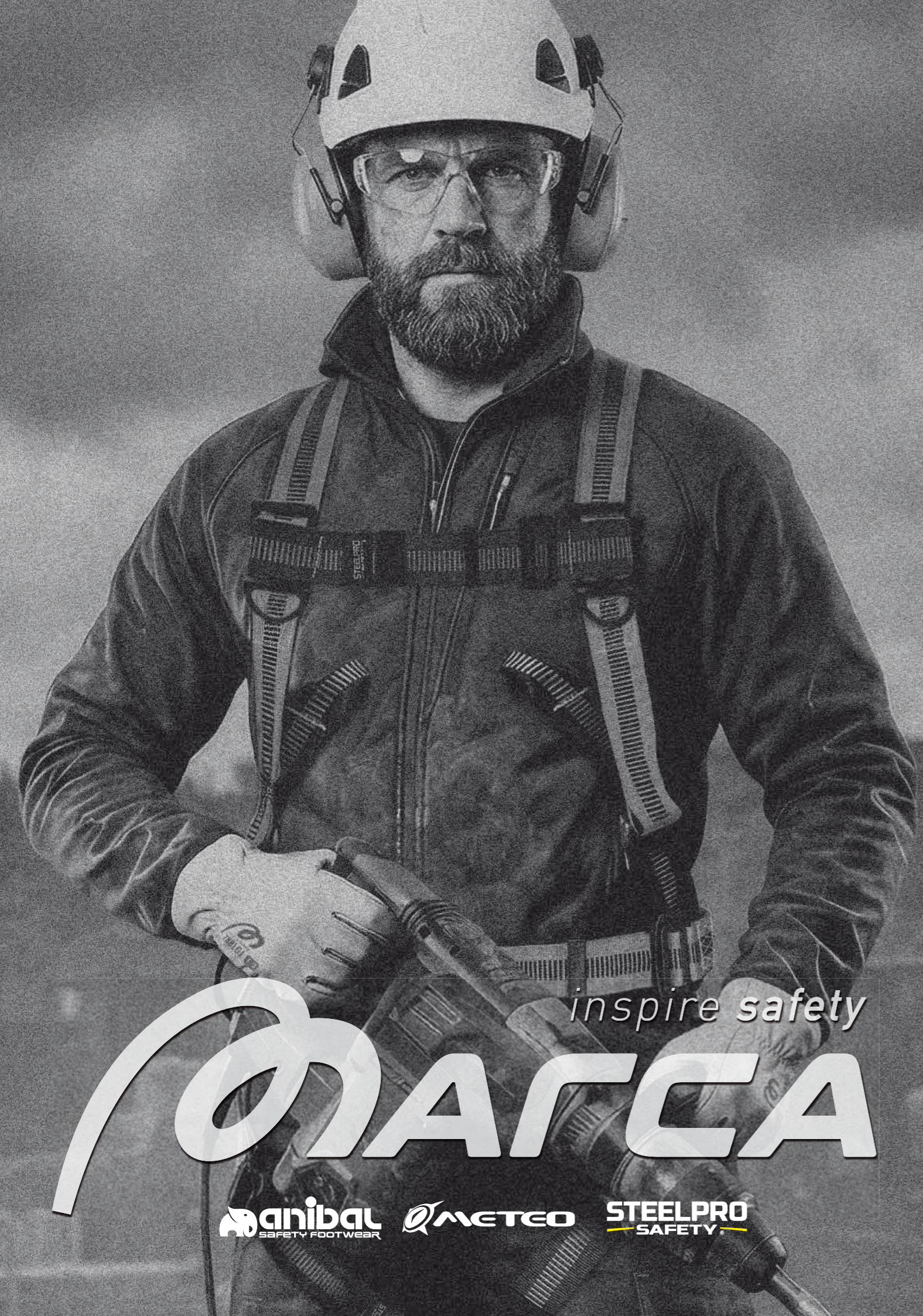
Welding blankets are intended to protect equipment and machinery from welding processes and related techniques (welding sparks, molten metals, slag, etc.). They can also be used as a fire blanket (putting out small fires in the home) or as a screen (protecting eyes from flashes from sparks).

Units Box: 6

Min Order: 1 unit

EN 1869 European regulations on requirements for fire blankets.

EN1094-3 Insulating refractory products.



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