



**HEAT
PROTECTION
CATALOGUE**

2022/23

Gold Freeze

Goldfreeze® - EXACTLY THE RIGHT EQUIPMENT

Goldfreeze Ltd leads the UK in the Hot End PPE sector. As extreme temperature specialists, we focus on providing the safest and best quality head to toe products available.

Our range is extensive and has developed continually over the last 30 years with all fabrics, garments, and accessories being rigorously tested across a wide range of industries and certified through independent testing organisations.

Our partnerships with major European manufacturers including Jutec and GoodPro offer shorter supply chains and some of the most competitive prices and lead times in the market, duty free.

We also provide bespoke solutions and site visits as required for new processes or specialist applications. We also work closely with industry trade associations and industry colleagues to keep up to date on current thinking and regulations so whatever the task, we can provide exactly the right solution and equipment you need.

We hope you find what you need in the pages of this catalogue. Should you need anything please contact our team and we will be delighted to help you.

For more information & pricing contact our sales office: sales@goldfreeze.co.uk





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SAFETY IN THE HEAT OF BATTLE

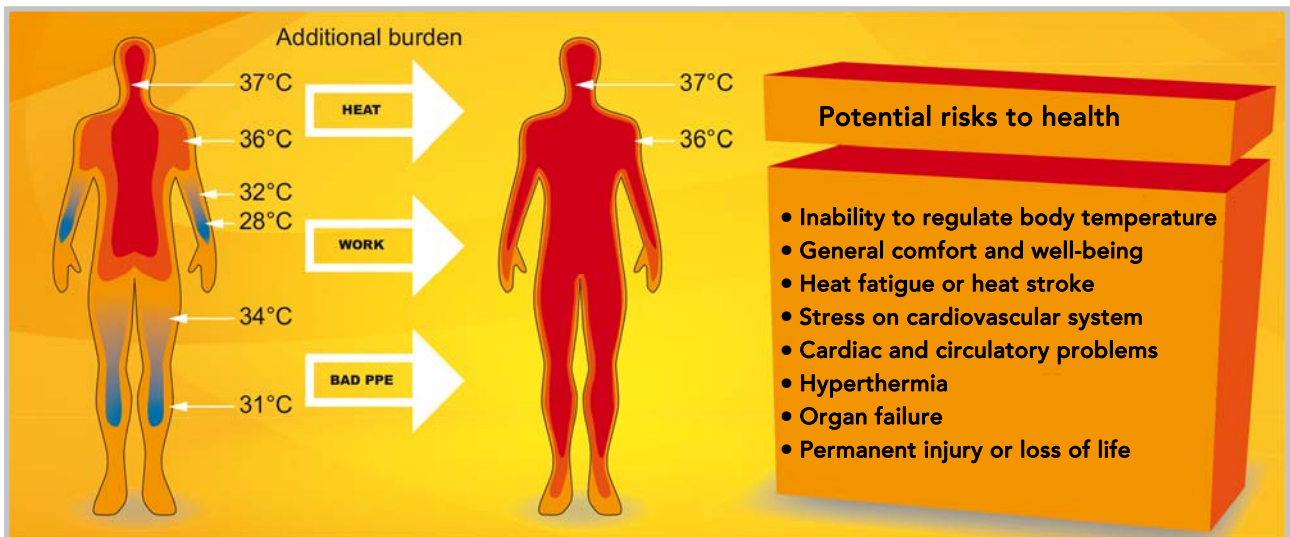
Personal Protective Equipment (PPE) is integral to ensuring people’s safety in the workplace today, especially in heavy industry and engineering environments. The PPE available from our range has been selected due to the exceptional levels of protection that each item offers against extreme heat. Our extensive range offers complete head to toe protection solutions for all levels of protection from welding through to fire entry/proximity.

The two types of hazard that people are ordinarily looking for protection from are:

- Radiant Heat** - High ambient temperature created by heat source but there is no physical contact with the hot element or heat source.
- Contact Heat** - Physical contact with the heat source through touching, carrying, molten splash where the material is heated to a liquid form or flying sparks in some instances.

Our aluminised range of clothing offers protection against both radiant and contact heat but we also have a range of non-aluminised molten splash clothing, gloves and other accessories for applications where radiant heat isn’t a problem.

Potential health risks associated with working in a hot environment



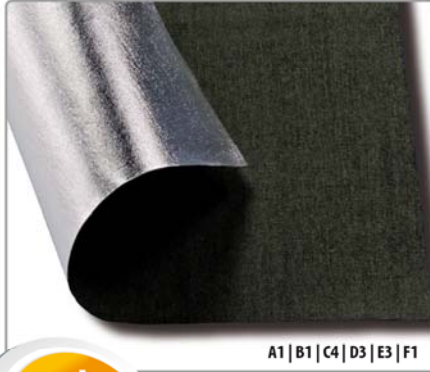
- Potential risks to health**
- Inability to regulate body temperature
 - General comfort and well-being
 - Heat fatigue or heat stroke
 - Stress on cardiovascular system
 - Cardiac and circulatory problems
 - Hyperthermia
 - Organ failure
 - Permanent injury or loss of life



FABRIC SELECTION

JT260PXAHV (KA-1)

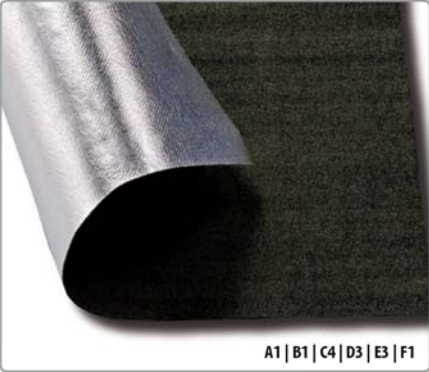
Preox-Aramid fabric, approx. 260g/m² with high-vacuum aluminium coating, very flexible and comfortable to wear. KA1 is the lightest weight aluminium coated fabric offering radiant heat protection up to and exceeding 1000°C and certified to EN ISO 11612:2015.



A1 | B1 | C4 | D3 | E3 | F1

JT400PXAHV (KA-2)

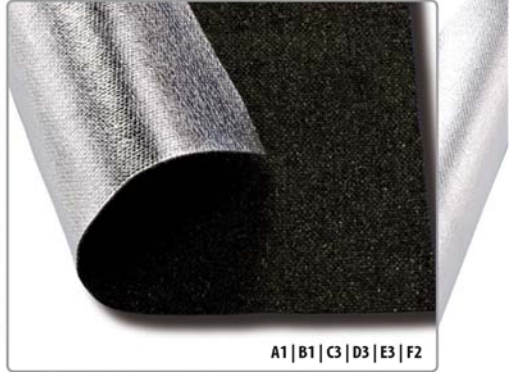
Preox-Aramid fabric, approx. 400g/m² with high-vacuum Aluminium coating, very flexible and comfortable to wear. KA2 is our mid weight aluminium coated fabric offering radiant heat protection up to and exceeding 1000°C and certified to EN ISO 11612:2015.



A1 | B1 | C4 | D3 | E3 | F1

JT650PXAHV (KA-9)

Preox-Aramid fabric, approx. 650g/m² with high-vacuum Aluminium coating, very flexible and comfortable to wear. KA9 is our heaviest weight aluminium coated fabric offering radiant heat protection up to and exceeding 1000°C and certified to EN ISO 11612:2015.



A1 | B1 | C3 | D3 | E3 | F2

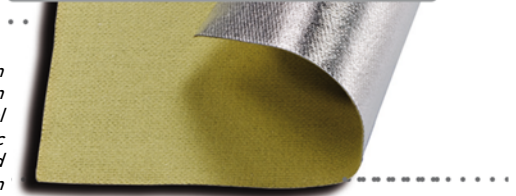


EN ISO 11612 : 2015



JT500KAHV (KA-3)

Aramid fabric, approx. 500g/m² with high-vacuum Aluminium coating, time tested protection, an industry staple! KA3 is our more traditional offering being an Aramid aluminium coated fabric it still offers radiant heat protection up to and exceeding 1000°C but is heavier and stiffer than the more advanced Preox-aramid fabrics. It is still used extensively throughout the world and is certified to EN ISO 11612:2015.



A1 | B1 | C4 | D3 | E3 | F1



HR1 Gabriel



EN ISO 11612
A1 B1 C3 D1 E3 F1



Material:

Aramid / carbon, weight 560 g/m²

HR4 Bara



EN ISO 11612
A1 B1 C4 D1 E3 F1



Material:

Aramid, weight 460 g/m²

HR5 Michael



EN ISO 11612
A1 B1 C4 D3 E3 F1



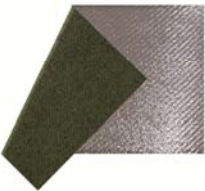
Material:

Aramid / carbon, weight 645 g/m²,
DUAL MIRROR®

HR7 Richard



EN ISO 11612
A1 B1 C3 D3 E3 F1

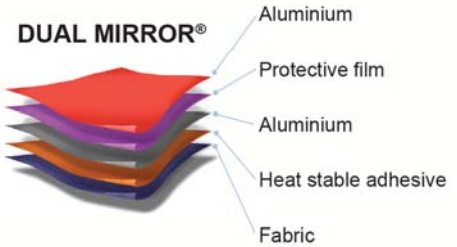


Material:

70% Preox® / 30% aramid,
weight 460 g/m²

GoodPRO®
good protection

protection & comfort
strength & success





No two working environments are the same, each have their own risks and processes which need to be considered when completing a risk assessment and making decisions on exactly what hazards need to be protected against and how that can be achieved. Our standard products featured in this catalogue will suit most applications and we also offer a bespoke service where required for specialist applications or where a special feature is required on a garment or other accessory.



Heat protection hoods
Plus helmets and swivel brackets
Face and eye protection

Heat protection jackets
Heat protection coats
Frontal protection coats
Heat protection aprons

Hand protection
Arm protection

Leg protection

Foot protection

ADD-ONS- Individual applications as per EN ISO 11612:2015.



- ① Forearm ventilation
- ② Back ventilation
- ③ Sleeve adjustment
- ④ Side fold in coat
Optional side wedge
Optional side slit
- ⑤ High collar
- ⑥ Wide hook-and-loop fastener
- ⑦ Quick fastener with cover

Additional ADDons on request!





Jutec® Heat Protection Jacket



DIN EN ISO 11612



- Made of heat resistant fabric with aluminium high vacuum coating (KA-1, KA-2 or KA-3).
- Available in sizes: S - 4XL
- 80cm long. Also available in 90cm & 100cm lengths, please enquire for detail.
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
Code: HSJ080KA-1
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSJ080KA-2
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSJ080KA-3

GoodPro® Heat Protection Jacket



DIN EN ISO 11612



- Velcro fastening.
- 90cm length, chest sizes S - 3XL
- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7)
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4)
Code: GP14521 / 1452
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1)Code: GP13521 / 1352
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5)Code: GP16521 / 1652
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7)Code: GP18521 / 1852

NB longer coat pictured for purposes of illustrating this style.





Coval® Lined Heat Protection Coat



- 450g/m² Aluminised Aramid heat protection coat, inner side completely lined with 300g/m² flame retardant cotton to give maximum possible protection against radiant heat and molten metal splashes.
All seams are Kevlar 50/3 sewn.
- Chest sizes M - XXL
- Made of heat resistant fabric with aluminium high vacuum coating (KA-1, KA-2 or KA-3).
- For use in foundries, smelters, glass industry, cement industry, etc.

- CE marked
- EN ISO 11611:2015
Protective clothing for use in welding and allied processes
Class 2 for little splashes of molten metal
A1 resistance to furnace flame
- EN ISO 11612:2015
Protective clothing against heat and flame

A	Limited flame spread	A1+ A2
B	Convective heat	B1
C	Radiant heat	C4
D	Molten aluminium splashes	D3
E	Molten iron splashes	E3
F	Contact heat	F2
- Code: ICV2KAF





Jutec® Heat Protection Coat



- Made of heat resistant fabric with aluminium high vacuum coating (KA-1, KA-2 or KA-3).
- Available in chest sizes: S - 4XL
- 120cm long. Also available in 110cm & 130cm lengths.
- For use in foundries, smelters, glass industry, etc.



DIN EN ISO 11612



- CE, EN ISO 11612
- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
Code: HSM120KA-1
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSM120KA-2
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSM120KA-3

GoodPro® Heat Protection Coat



- Velcro fastening.
- 120cm length, chest sizes S - 3XL
- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7)
- For use in foundries, smelters, glass industry, etc.



- CE, EN ISO 11612
- Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4)
Code: GP14520 / 1453
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1)Code: GP13520 / 1353
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5)Code: GP16520 / 1653
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7)Code: GP18520 / 1853



DIN EN ISO 11612





Jutec® Rear Fastening Heat Protection Coat (Frontal Apron)



- Open back, Velcro fastening.
- 130cm long, chest sizes S - 4XL
- Made of heat resistant fabric with aluminium high vacuum coating (KA-1, KA-2 or KA-3).
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Available in different fabrics
- Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
Code: HSFM130KKA-1
- Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSFM130KKA-2
- Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSFM130KKA-3



GoodPro® Rear Fastening Heat Protection Coat (Frontal Apron)



- Open back, Velcro fastening.
- 110cm or 135cm lengths, chest sizes S - 4XL
- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7)
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Available in different fabrics
- Aramid aluminised 460g/m² BARA (HR4)
Code: GP14531 / 1453
- Aramid / Carbon aluminised 560g/m² GABRIEL (HR1)Code: GP13531 / 1353
- Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5)Code: GP16531 / 1653
- 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7)Code: GP18531 / 1853





DIN EN ISO 11612



Jutec® Heat Protection Trousers



- Made of heat resistant fabric with aluminium high vacuum coating (KA-1, KA-2 or KA-3).
 - Available in waist sizes S - 4XL
 - With waist fastener and belt loop, no pockets
 - For use in foundries, smelters, glass industry, etc.
-
- CE, EN ISO 11612
 - Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
Code: HSH100KA-1
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSH100KA-2
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSH100KA-3



DIN EN ISO 11612



Jutec® Heat Protection Trousers with Braces



- Made of heat resistant fabric with aluminium high vacuum coating (KA-1, KA-2 or KA-3).
 - Available in waist sizes S - 4XL
 - With waist fastener and braces, no pockets
 - For use in foundries, smelters, glass industry, cement industry, etc.
-
- CE, EN ISO 11612
 - Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
Code: HSH100KA-1-CEM
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSH100KA-2-CEM
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSH100KA-3-CEM



DIN EN ISO 11612



GoodPro® Heat Protection Trousers



- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7)
 - Available in waist sizes: S - 3XL
 - 100cm length
 - For use in foundries, smelters, glass industry, etc.
 - Also available as seatless variant—see opp.
-
- CE, EN ISO 11612
 - Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4)
Code: GP14561 / 1456
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1)Code: GP13561 / 1356
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5)Code: GP16561 / 1656
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7)Code: GP18561/ 1856





Jutec® Heat Protection Bib & Brace



- Made of heat resistant fabric with aluminium high vacuum coating (KA-1, KA-2 or KA-3).
- Available in waist size S - 4XL
- With bib and adjustable braces, no pockets
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
Code: HSLH100KA-1
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSLH100KA-2
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSLH100KA-3



GoodPro® Heat Protection Seatless Trousers



- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7)
- Available in waist sizes: S - 3XL
- Seatless - with no fabric to rear seat area.
- 100cm length
- For use in foundries, smelters, glass industry, etc.
- Also available as standard variant—see opp.

- CE, EN ISO 11612
- Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4)
Code: GP14561 / 1456
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1)Code: GP13561 / 1356
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5)Code: GP16561 / 1656
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7)Code: GP18561/ 1856





DIN EN ISO 11612



Jutec® Heat Protection Gaiters



- Universal basic design with conical shaft, without steel support strips.
- Heat-resistant Velcro fastening.
- 35cm or 40cm high.
- Made of heat resistant fabric with aluminium high vacuum coating (KA-F).
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Code: HSGA035KAF-0101-00 (35cm)
HSGA040KAF-0101-00 (40cm)
- Also available with steel support strips
- Also available for slim calves



Velcro closure at rear of shaft



DIN EN ISO 11612



Jutec® Heat Protection Gaiters



- Basic design with vamp and heel protector, providing protection for the work boot against overheating caused by radiant heat.
- Heat resistant Velcro fastening at rear of shaft and under shoe.
- 36cm high.
- Made of heat resistant fabric with aluminium high vacuum coating (KA-F).
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Code: HSG036KAF
- Please specify shoe size(s) required when ordering (37/38, 39/40, 41/42, 43/44, 45/46 & 47/48 - dual sizes)
- Also available in other shaft heights



Velcro closure at rear of shaft



Velcro closure under shoe



DIN EN ISO 11612



Jutec® Heat Protection Gaiters



- Heat protection gaiters with insulated metal strips over the instep. Individually adjustable to shoe, increased stability and comfort.
- Heat resistant Velcro fastening at rear of shaft.
- Straight shaft, foot with darts.
- 40cm high.
- Made of heat resistant fabric with aluminium high vacuum coating (KA-F).
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Code: HSGA040KAF-0301-00
- Please specify shoe size(s) required when ordering (37/38, 39/40, 41/42, 43/44, 45/46 & 47/48 - dual sizes)
- Also available with steel support strips
- Also available for slim calves



Foot darts



Velcro closure at rear of shaft



Insulated metal strips over instep



GoodPro® Horizontal Fastening Heat Protection Gaiters



- Universal basic design with conical shaft.
- Heat-resistant Velcro horizontal fastenings.
- 40cm high.
- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7).
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4) Code: GP1455/ 1455
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1) Code: GP1355 / 1355
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5) Code: GP1655 / 1655
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7) Code: GP1855/ 1855



GoodPro® Vertical Fastening Heat Protection Gaiters



- Universal basic design with conical shaft.
- Heat-resistant Velcro vertical fastening.
- 40cm high.
- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7).
- For use in foundries, smelters, glass industry, etc.

- CE, EN ISO 11612
- Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4) Code: GP1457/ 1457
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1) Code: GP1357 / 1357
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5) Code: GP1657 / 1657
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7) Code: GP1857/ 1857





Heavy Quality Waist Apron

- Waist apron with band.
- Made of heat resistant fabric with aluminium high vacuum coating (KA-3).
- For protection against extreme radiant heat, welding, etc.

- CE, EN ISO 11612
- Available in Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSZ1010KA-3



EN ISO 11612:2015



EN ISO 11612:2015

Heavy Quality Chest Apron

- Chest apron with neck strap and ties.
- Made of heat resistant fabric with aluminium high vacuum coating (KA-2 or KA-3).
- For protection against extreme radiant heat, welding, etc.

- CE, EN ISO 11612
- Available in different fabrics:
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSS1008KA-2
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSS1008KA-3



Heavy Quality Chest Apron

- Chest apron with neck strap and ties.
- CE, EN ISO 11612
- Available in different fabrics:
 - Glass fabric with Alufix (G1)
For protection against contact heat to 600°C
Code: HSS1008G1
 - Split leather approx. 2.5mm (SL-2/5)
For protection against contact heat to 300°C
Code: HSS1008VL-2/5



EN ISO 11612:2015





GoodPro® Aluminised Chest Apron

- Chest apron with neck strap and ties.
- Made of heat resistant fabric with aluminium high vacuum coating (HR1, HR4, HR5 or HR7)
- For protection against extreme radiant heat, welding, etc.

- CE, EN ISO 11612
- Available in different fabrics
- Aramid aluminised 460g/m² BARA (HR4) Code: GP1450 / 1450
- Aramid / Carbon aluminised 560g/m² GABRIEL (HR1) Code: GP1350 / 1350
- Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5) Code: GP1650 / 1650
- 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7) Code: GP1850/1850



Silitherm Chest Apron

- Chest apron with neck straps, made of para-aramid fabric with silicone coating 700g/m².
- For protection against contact heat up to 250°C.
- Contact heat protection of 250°C for 7—9 secs.
- Dimensions 900mm x 600mm
- Adjustable neck and waist fastenings
- Silicone coating prevents absorption of oil, grease & fat
- Recommended for use in food industry, industrial kitchens, supermarkets & bakeries
- Suitable for contact with food



- Code: ICLTXKS

AVAILABLE FROM AUTUMN 2022





Araflame Gold Coverall

- Inherently flame retardant lightweight coverall.
- Inherent flame resistant qualities will not diminish with washing
- Full anti-static protection.
- Triple-stitched seams for extra durability
- Durable, strong and long lasting brass zips
- Hook and loop cuffs for a secure fit
- Reflective tape for extra visibility.
- Protection against radiant, convective and contact heat.
- For use in cement industry, foundries, metal industry, etc.
- 10 pockets for ample storage
- Two tier knee pad pockets allowing two positioning options



-
- Colours: Orange or Navy
 - Araflame Gold - code: 560AF53
150g/m² 93% Meta-aramid, 5% Para-aramid, 2% Carbon Fibre.
Chest sizes: 36" - 54"
CE CAT III EN 1149 -5
EN ISO 11612 A1+A2, B1, C1, F1



EN ISO 11611:2015 EN ISO 11612:2015

Araflame Hi-Vis Multi Coverall



- Inherently flame retardant lightweight coverall.
- Inherent flame resistant qualities will not diminish with washing
- Full anti-static protection.
- Durable, strong and long lasting brass zips
- Hook and loop cuffs for a secure fit
- Reflective tape for extra visibility.
- Protection against radiant, convective and contact heat.
- For use in cement industry, foundries, metal industry, etc.
- 6 pockets for ample storage
- Two tier knee pad pockets allowing two positioning options

-
- Colours: Orange
 - Araflame Multi- code: 560AF91
260g/m² 57% Aramid, 42% Polyester, 1% Antistatic Carbon Fibre.
Sizes: S - 5XL
CE CAT III EN 1149 -5
EN ISO 11611 Class 1 A1
EN ISO 11612 A1, B1, C1, F1
EN ISO 20471 Class 3



EN ISO 11611:2015 EN ISO 11612:2015



Jutec® Preox-Aramid Heat Protection Jackets & Trousers



- Gives contact heat protection to 600°C
- Preox-Aramid fabric, available in 260g/m² or 400g/m²
- Cut-resistant, flexible, soft fabric
- For use in cement industry, foundries, metal industry, etc.
- Heat protection jacket with Velcro fastening, stand-up collar, no pockets.
Chest sizes: S - 4XL
- Heat protection trousers with Velcro fastening to waist and belt loops.
Waist sizes: S - 4XL



- CE EN 470-1, EN ISO 11612
- Available in different fabric weights
 - 260g/m²
Code: HSJ080PX260 (Jacket)
Code: HSH100PX260 (Trousers)
 - 400g/m²
Code: HSJ080PX400 (Jacket)
Code: HSH100PX400 (Trousers)



Jutec® Aramid Heat Protection Jackets & Trousers



- Gives contact heat protection to 500°C
- Aramid fabric, available in 240g/m² or 500g/m²
- Cut-resistant, flexible, soft fabric
- For use in cement industry, foundries, metal industry, etc.
- Heat protection jacket with Velcro fastening, stand-up collar, no pockets.
Chest sizes: 94-153cm
- Heat protection trousers with Velcro fastening to waist and belt loops.
Waist sizes: 82-141cm



- CE EN 470-1, EN ISO 11612
- Available in different fabric weights
 - 240g/m²
Code: HSJ080KV240 (Jacket)
Code: HSH100KV240 (Trousers)
 - 500g/m²
Code: HSJ080KV500 (Jacket)
Code: HSH100KV500 (Trousers)



EN ISO 11611:2015 EN ISO 11612:2015

Marlan Plus Molten Metal Splash Protection Jacket



- This jacket gives excellent protection against molten metal splash.
 - Mandarin collar; front closure with press studs covered with flap closed with Velcro.
 - Closing at the wrists with fire retardant cuff.
 - Three outer pockets with flap and snap fastener (chest and bottom); tailored sleeves.
 - Fabric composition: 60% FR Viscose, 20% wool, 10% polyamide, 10% Tencel. Type: Marlan Plus. Sewing thread: aramid fibre.
 - Fabric weight: 300g/m² (350g/m² also available on request)
-
- Standard colour: Navy blue (other colours on request)
 - Available with optional reflective stripes.
 - Jackets available in euro sizes 46-68
-
- UNI EN ISO 11611:2008 A1 class 1
 - UNI EN ISO 11612:2015
 - A1 B1 C1 D3 E3 Cryolite tested
 - Codes: 1030100 with no reflective tape.
1031100 with yellow reflective tape.
1032100 with grey reflective tape.



EN ISO 11611:2015 EN ISO 11612:2015

Marlan Plus Molten Metal Splash Protection Trousers



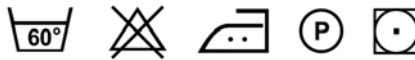
- These trousers give excellent protection against molten metal splash.
 - With snap closures, button covers button closure. Belt loops at the waist.
 - Two side pockets at the waist and two pockets: one in the back and a side flap and snap.
 - Fabric composition: 60% FR Viscose, 20% wool, 10% polyamide, 10% Tencel. Type: Marlan Plus. Sewing thread: aramid fibre.
 - Fabric weight: 300g/m² (350g/m² also available on request)
-
- Standard colour: Navy blue (other colours on request)
 - Available with optional reflective stripes.
 - Trousers available in euro sizes 46-68
-
- UNI EN ISO 11611:2008 A1 class 1
 - UNI EN ISO 11612:2015
 - A1 B1 C1 D3 E3 Cryolite tested
 - Codes: 1030200 with no reflective tape.
1031200 with yellow reflective tape.
1032200 with grey reflective tape.



GoodPro® FHR1 Molten Metal Splash Protection Jackets & Trousers



- Protective suit against heat risks and molten splash designed especially for foundries.
 - Incorporates Lenzing FR® which is an inherently and permanently non-flammable blend of fibres: – mainly for aluminium foundries.
 - Washable textile option to aluminised suits providing a greater level of comfort.
 - Available in: jacket, trousers, (bib and brace, coverall & coat also available to order)
 - For use in aluminium foundries and metallurgy of non-ferrous metals.
-
- Colour: Blue/Orange
 - Heat protection jacket with Velcro fastening, stand-up collar, no pockets.
Chest sizes: S - 4XL
 - Heat protection trousers with Velcro fastening to waist and belt loops.
Waist sizes: S - 4XL
-
- EN ISO 11611 class 2
 - EN ISO 11612 A1 A2 B1 C1 D3 E3 F1
 - EN 1149-5
 - Fabric weight 375 g/m² - 54% Lenzing FR®, 20% wool, 20% polyamide, 5% aramid, 1% Belltron
- Code: GP20612 (Jacket)
Code: GP20663 (Trousers)



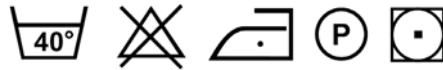


GoodPro® Felix FR Underwear

GoodPRO®
good protection

FELIX FR

- Flame retardant functional underwear - long sleeve vest and long john available
 - Basic functional protective layer, improves protection, safety and comfort of all kinds of protective garments
 - For use in firefighting, petrochemical and gas industries, power engineering, refineries, ADR transport, metallurgy, glassworks and many other applications.
 - Made of inherently flame retardant materials
 - Single layer ribbed knit
 - Protects against heat risks and transports moisture from the skin
 - Comfortable ergonomic cut
-
- 160g/m² - 54% Modacrylic, 44% Cotton, 2% Anti-static fibres.
 - Available in sizes S-3XL
 - Standard colour: Navy blue
-
- EN ISO 11612:2008 A1 + A2, B1, C1, F1
EN ISO1149-5
-
- Code: GP10301 (vest)
Code: GP10302 (long john)



Fire Retardant Anti-static Balaclava



EN ISO 11612:2015

- Inherently flame resistant and antistatic.
 - Provides ARC2 protection against the thermal hazard of an electric arc
 - High cotton content gives maximum comfort against the skin. Ideal when extra warmth and protection are required.
 - Navy blue, one size only
-
- EN1149
 - CE, DIN EN ISO 11612 A1 B1 C1 F1
 - EC 61482-2 IEC 61482-1-2 Class 1
 - ASTM F1959/F1959M-12 (ATPV=16 Cal/cm² (HAF=86%))
 - Modafume™ Knit 300gsm
-
- Code: A302009



GoodPro® Nomex® Open Face Balaclava / Hood



- Inherently flame retardant Nomex® fabric
- Double layer ribbed knit
- Protects against heat risks and transports moisture from the skin
- Comfortable ergonomic cut

- Available in one size.
- Standard colour: Navy blue

• Code: GP392



GoodPro® Nomex® Small Face Balaclava / Hood



- Inherently flame retardant Nomex® fabric
- Double layer ribbed knit
- Protects against heat risks and transports moisture from the skin
- Comfortable ergonomic cut

- Available in one size.
- Standard colour: Navy blue

• Code: GP391



Nomex® Hood

- Heat protection hood with eye slot, made in Nomex® by DuPont
- Lightweight, 200g/m²
- Washable at up to 60°C whilst retaining flame resistant properties.

• Codes:

- SH022020 - Hood with eye slit
- SH022021 - Hood with eye holes
- SH022117 - Hood with throat/neck protection and eye slit
- SH022014 - Hood with throat/neck and shoulder protection and eye slit



Modaflame™ Sock

- The Modaflame™ material used in this sock is inherently flame resistant, offering the ultimate in permanent fire resistant protection.
- Flat toe seam and elasticated leg section for extra comfort and wearability.
- Black/grey
- Available in sizes M (UK 6-9) & L (UK 10-13)

- EN1149 -5
- EN531

• Code: 7060800



EN ISO 11612:2015

FR Base Layer Long Sleeve Top

- Inherently flame retardant so no chemicals are next to the skin.
- Traditional t-shirt design.
- Knitted cuffs for extra comfort.
- Visible FR standards transfer to right sleeve.
- 220g/m² Protal 1 - 60% Protex modacrylic, 38% Cotton, 2% Anti-static fibres.
- Available in sizes S-3XL
- Standard colour: Black

- EN ISO 11612:2008 A1 B1 C1
- Code: XFRC101



EN ISO 11612:2015

FR Base Layer Long Pants

- Inherently flame retardant so no chemicals are next to the skin.
- Knitted ankle cuffs for extra comfort
- Protected fly opening
- Elasticated waistband for optimal fit
- 220g/m² Protal 1 - 60% Protex modacrylic, 38% Cotton, 2% Anti-static fibres.
- Available in sizes S-3XL
- Standard colour: Black

- EN ISO 11612:2008 A1 B1 C1
- Code: XFRC103



EN ISO 11612:2015

2-layer FR Neck Tube

- Can be worn around the neck and be pulled up to cover a large proportion of the face.
- Double layer for extra protection.
- Interlock knit fabric construction.
- Visible FR standards transfer
- 220g/m² Protal 1 - 60% Protex modacrylic, 38% Cotton, 2% Anti-static fibres.
- One size only
- Standard colour: Black

- EN ISO 11612 A1,B1,C1
- Code: XFRC15



EN ISO 11612:2015

FR-AST-ARC Polo Shirt

- Inherently flame retardant and anti-static so no chemicals are next to the skin.
- Concealed 3 button placket.
- FR-AST knitted collar & cuffs.
- Visible FR-AST-ARC standards transfer.
- Flame retardant performance not affected by repeated laundering.
- 220g/m² Protal 1 - 60% Protex modacrylic, 38% Cotton, 2% Anti-static fibres.
- Available in sizes S-3XL
- Standard colour: Navy blue

- EN ISO 11612:2008 A1,B1,C1
EN 1149-5
IEC 61482-2:2009 Class 1
ATPV 8.6 Cal/cm²
- Code: XFRAST20



EN ISO 11612:2015

FR-AST-ARC Sweatshirt

- Inherently flame retardant and anti-static so no chemicals are next to the skin.
- Brushed inner for extra warmth.
- FR-AST knitted collar and cuffs for extra optimum fit & maximum safety.
- Elasticated waistband.
- Visible FR-AST-ARC standards transfer.
- 330g/m² Protal 1 - 60% Protex modacrylic, 38% Cotton, 2% Anti-static fibres. .
- Available in sizes S-3XL
- Standard colour: Navy blue

- EN ISO 11612:2008 A1,B1,C1
EN 1149-5
IEC 61482-2:2009 Class 1
ATPV 17.0 Cal/cm²
- Code: XARC20

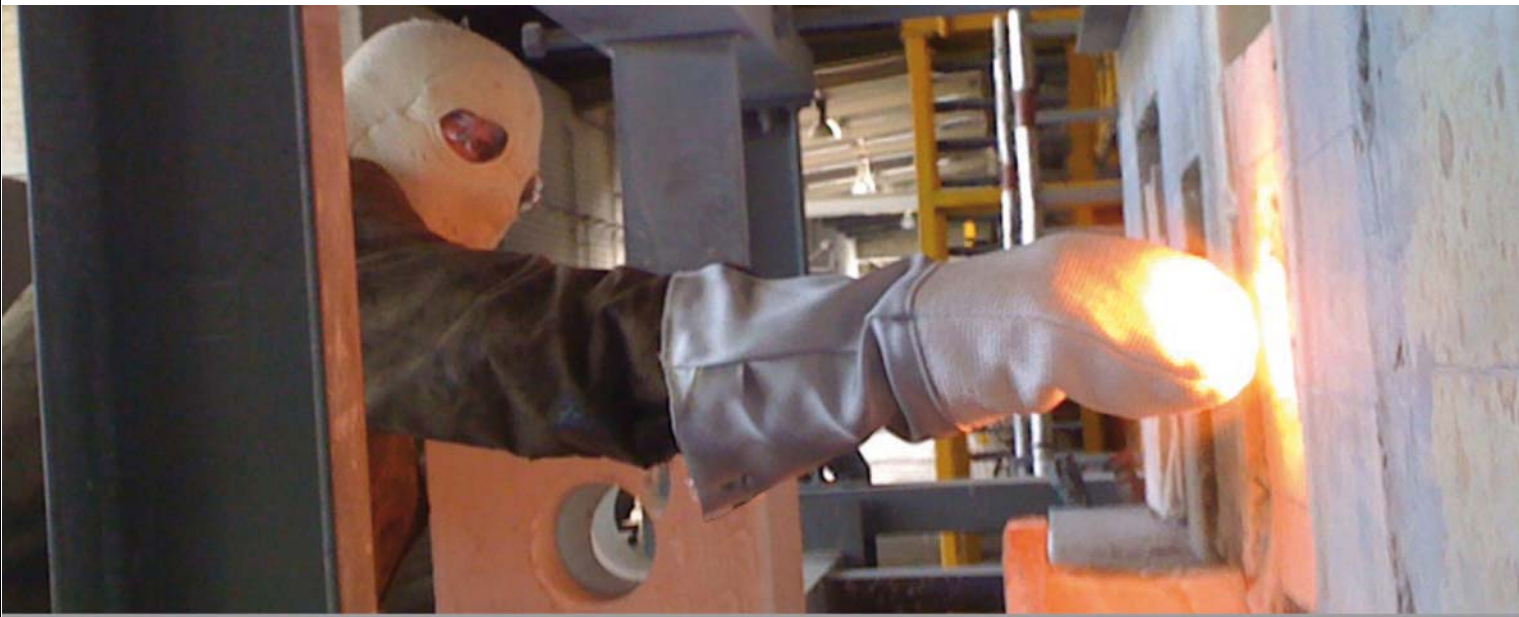


EN ISO 11612:2015

Flame Retardant Balaclava

- Inherently flame retardant, so no chemicals next to skin and the performance is not affected by repeated laundering.
- Double layer for extra protection.
- Interlock knit fabric construction.
- Visible FR standards transfer.
- 220g/m² Protal 1 - 60% Protex modacrylic, 38% Cotton, 2% Anti-static fibres.
- One size only
- Colours: Navy blue or Black

- EN ISO 11612:2008 A1 B1 C1 .
- Code: XFRC14



Gloves – CE Marking Explained

Gloves are an important part of our PPE offering and they are subject to the European Personal Protective Equipment (PPE) Regulation (EU) 2016/425.

All work gloves manufactured and traded in the EU must be labelled with a CE mark stating whether it is category I, II or III as per below:

CE cat. I	CE cat. II	CE cat. III
Minimal risk - low protection requirements e.g. gardening gloves	Medium risk - protection against, for example, mechanical hazards	High risk against irreversible injury and fatal dangers e.g. burns

Gloves of category III also bear the mark of an accredited supervisory board. The different performance levels are defined in standards EN388:2016 and EN407:2004.

We would like to draw to your attention that all specifications are laboratory values which have little to do with reality. A workplace assessment must be carried out to define actual potential risks. We will be pleased to assist with a free workplace analysis on request.

EN388:2016



A|B|C|D|E|F

Mechanical Hazards

- A - Abrasion resistance
- B - Circular blade cut resistance
- C - Tear resistance
- D - Puncture resistance
- E - Straight blade cut resistance ISO 13997
- F - Impact resistance

In all instances X denotes not tested or not applicable

EN407:2004



A|B|C|D|E|F

Thermal Hazards

- A - Resistance to flammability
- B - Contact heat resistance
- C - Convective heat resistance
- D - Radiation heat resistance
- E - Resistance to small splashes of molten metal
- F - Resistance to large quantities of molten metal



Contact heat up to 1100°C

Protection against contact heat means that the glove provides protection, for example, against flying sparks and flying slag

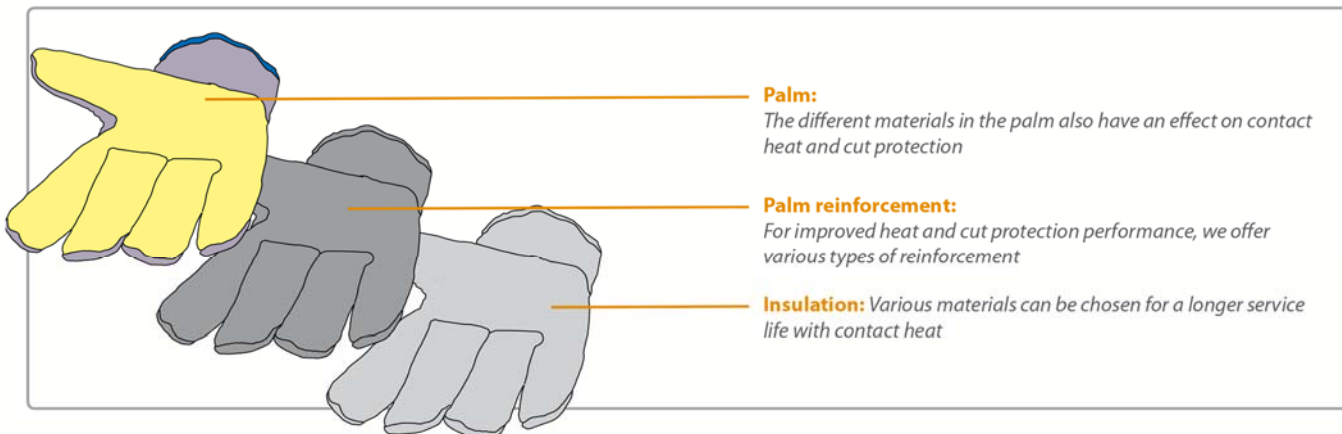


ADAPT TO THE SITUATION

The Glove range has been continually developed over many years through a collaborative approach with customers and manufacturers to achieve the required protection levels whilst also striving to give the best levels of dexterity and longevity.

Whatever your requirement we have a solution for you through our broad range of fabric combinations and additional insulation materials. Even though the certification can only cover contact heat protection up to 500°C we can provide gloves that provide protection beyond that temperature.

- Sebatan leather up to 250°C
- Knit aramide up to 350°C
- Aramide fabric up to 500°C
- Glass fabric with silicone coating up to 600°C
- HT glass fabric up to 900°C
- Cotton terry up to 250°C
- Aramide terry up to 500°C
- Preox-aramide fabric up to 600°C
- PBI® fabric up to 750°C
- HT fabric up to 1,100°C



All gloves can be used briefly at a higher temperature. Please observe the respective limits of use in the manufacturer's information. The gloves shown on the next page show our certified standard product line.



H0150006

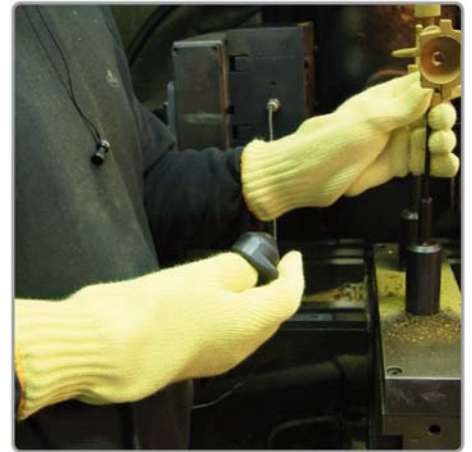
5-finger gloves made of knitted Kevlar®

- Soft
- Very resistant to blade cuts
- Washable

- Length 25cm
- Knitted Kevlar® without lining
- EN 388 2.3.4.X
- EN 407 X.1.X.X.X.X



Code: H0150006



H0150013

5-finger lined gloves made of knitted Kevlar®

- Soft
- Very resistant to blade cuts
- Washable

- Length 25cm or 35cm
- Knitted Kevlar® with lining
- EN 388 1.4.4.X
- EN 407 X.2.X.X.X.X



Code: H0150013 (25cm length)
H0150035 (35cm length)



H0150035



5-finger gloves made of coarse-knitted Kevlar®

- Soft, with double insulation
- Very resistant to blade cuts
- Washable at 30°C

- Length 25cm
- Coarse-knitted Kevlar® with lining
- EN 388 2.4.4.X
- EN 407 X.2.X.X.X.X



Code: H0150035-S



HBS000111

HBS - cotton terry fabric mittens

- Soft
- Double insulation
- Washable at 30°C

- Length 30cm
- Cotton terry fabric
- EN 388 2.X.3.X
- EN 407 X.2.4.2.X.X

Code: HBS000111





Aramid fabric gloves with 3-layer construction

- GoodPro® Line K Aramid gloves
- Abrasion, cut and tear resistant
- Aramid palm and cuff gives protection to 250°C
- Designed for contact heat and flame for use in foundries, hot end and glass industries



- Length 35cm
- Palm: 320 g/m² Aramid
- Back: 320 g/m² Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 2 X X X X
- Code: GPLK314 (35cm length glove)
- GPLK312 (35cm length 3-finger glove)
- GPLK310 (35cm length mitt)



GoodPRO
good protection

Aramid fabric 3-finger gloves & mitts with 3-layer construction

- GoodPro® Line K Aramid 3-finger gloves & mitts
- Abrasion, cut and tear resistant
- Can be used on both sides (double sided use)
- Aramid palm and cuff gives protection to 250°C
- Designed for contact heat and flame for use in foundries, hot end and glass industries



- Length 26cm or 35cm
- Palm: 320 g/m² Aramid
- Back: 320 g/m² Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 2 X X X X
- Code: GPLK319 (26cm length mitt)
- GPLK321 (35cm length 3-finger glove)



GoodPRO
good protection



Sebatan® leather 5-finger welding gloves

- Sewn with Kevlar® yarn
 - Sebatan® leather with cotton insulation
 - Does not become stiff when hot
 - Single-layer insulation gives protection up to 250°C
-
- Length 35cm
 - Sebatan® leather
 - EN 388 4 2 2 2 X
 - EN 407 4 2 3 X 4 X
-
- Code: H05L0035-SC (35cm length glove)



Gloves made of Aramid woven fabric

- Soft & flexible
 - Cut resistant
 - Single-layer insulation gives protection up to 250°C
-
- Length 36cm
 - Woven Aramid fabric
 - Also available as a mitt (40cm length)
 - EN 388 1 5 4 2
 - EN 407 4 2 4 2 4 X
-
- Code: H115B236 (36cm length glove)
H111B240 (40cm length mitt)



Gloves made of Aramid woven fabric

- Soft, flexible & cut resistant
 - Double-layer insulation gives protection up to 350°C
 - Can be used on both sides
-
- Length 30cm (40cm also available on request)
 - Woven Aramid fabric
 - Also available as a 3-finger glove and a mitt
 - EN 388 1 5 4 1
 - EN 407 4 3 4 3 4 X
-
- Code: H115B130 (30cm length glove)
H113B130 (30cm length 3-finger glove)
H111B130 (30cm length mitt)



H113B130

H111B130



Aramid fabric gloves with 3-layer construction



- GoodPro® Line Z Aramid gloves
- Abrasion, cut and tear resistant
- Aramid palm and cuff gives protection to 350°C
- Designed for contact heat and flame for use in foundries, hot end and glass industries



- Length 35cm
- Palm: 600 g/m² Aramid
- Back: 600 g/m² Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 3 4 4 X 4
- Code: GPLZ702 (35cm length glove)
- GPLZ705 (35cm length 3-finger glove)
- GPLZ701 (35cm length mitt)



GoodPRO
good protection

Aramid fabric mitts with 3-layer construction



- GoodPro® Line Z Aramid mitts
- Abrasion, cut and tear resistant
- Can be used on both sides (double sided use)
- Aramid palm and cuff gives protection to 350°C
- Designed for contact heat and flame for use in foundries, hot end and glass industries



- Length 26cm or 35cm mitt
- Palm: 600 g/m² Aramid
- Back: 600 g/m² Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 3 4 4 X 4
- Code: GPLZ712 (26cm length mitt)
- GPLZ717 (35cm length mitt)



GoodPRO
good protection



H113B130-KVS



H111B130-KVS

Gloves made of Aramid terry fabric

- Soft, flexible & cut resistant
- Double-layer insulation gives protection up to 500°C
- Can be used on both sides
-
- Length 30cm (40cm also available on request)
- Aramid terry fabric
- Also available as a 3-finger glove and a mitt
- EN 388 2.5.4.3
- EN 407 4.4.4.3.4.X
-
- Code: H115B130-KVS (30cm length glove)
H113B130-KVS (30cm length 3-finger glove)
H111B130-KVS (30cm length mitt)



H121B130



H123B130



H125B236

Gloves made of Preox-Aramid fabric

- Soft, flexible & cut resistant
- Double-layer insulation gives protection up to 350°C
- Can be used on both sides
-
- Length 30cm (40cm also available on request)
- 36cm single sided glove also available
- Preox-Aramid fabric
- Also available as a 3-finger glove and a mitt
- EN 388 3.5.4.2
- EN 407 4.3.4.3.4.X
-
- Code: H125B130 (30cm length glove)
H123B130 (30cm length 3-finger glove)
H121B130 (30cm length mitt)
H125B236 (36cm length single sided glove)





Aramid/Carbon fabric gloves with 3-layer construction

- GoodPro® Line C Aramid/Carbon gloves
- Abrasion, cut and tear resistant
- Aramid/Carbon palm and cuff gives protection to 350°C
- Designed for contact heat and flame for use in foundries, hot end and glass industries



- Length 35cm
- Palm: 600 g/m² Aramid/Carbon
- Back: 600 g/m² Aramid/Carbon
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 3 X X X X
- Code: GPLC905 (35cm length glove)
- GPLC904 (35cm length 3-finger glove)
- GPLC903 (35cm length mitt)



Aramid/Carbon fabric 3-finger gloves & mitts with 3-layer construction

- GoodPro® Line C Aramid/Carbon 3-finger gloves & mitts
- Abrasion, cut and tear resistant
- Can be used on both sides (double sided use)
- Aramid/Carbon palm and cuff gives protection to 350°C
- Designed for contact heat and flame for use in foundries, hot end and glass industries



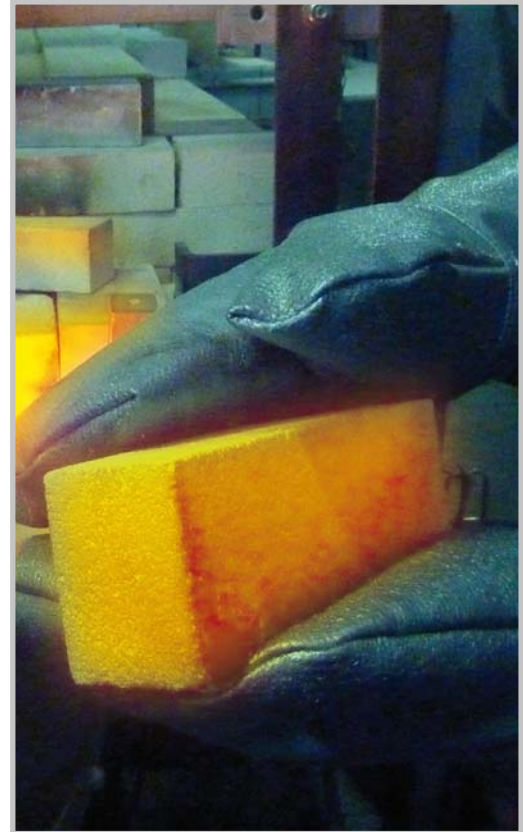
- Length 26cm mitt or 35cm 3-finger glove
- Palm: 600 g/m² Aramid
- Back: 600 g/m² Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 3 4 4 X 4
- Code: GPLC906(26cm length mitt)
- GPLC907(35cm length 3-finger glove)





Mittens made of fibre-glass fabric with silicone coating

- Abrasion-resistant
- Moisture-proof
- Can be used on both sides
- Double insulated
-
- Length 30cm or 40cm
- Fibre-glass fabric with silicone coating
- EN 388 4.4.4.3
- EN 407 4.4.4.4.4
-
- Code: H2110030-GS1 (30cm length mitt)
H2110040-GS1 (40cm length mitt)



Gloves made of PBI® fabric

- Abrasion-resistant
- Double insulated
-
- Length 30cm or 40cm
- PBI® fabric gives protection up to 500° C
- Available as a 3-finger glove and a mitt
- EN 388 4.4.4.3
- EN 407 4.4.4.4.4.X
-
- Code: H111B130-PBI (30cm length mitt)
H113B230 -PBI (30cm length
3-finger glove)
H111B140-PBI (40cm length mitt)
H113B240 -PBI (40cm length
3-finger glove)



H111B140-PBI®



Aramid/Glass/PBI Gloves made with a 4 layer construction



- GoodPro® Line P Aramid/Glass/PBI gloves
- Abrasion, cut and tear resistant
- Aramid/Glass/PBI palm gives protection to 500°C and above
- Superior molten metal splash protection.
- Designed for contact heat and flame for use in foundries, hot end and glass industries



- Length 35cm
- Palm/Back: 750 g/m² Aramid/Glass/PBI
- Cuff: 600 g/m² Aramid
- Insulation: Wool



- EN 388 1 5 4 X
- EN 407 4 4 4 4 X 4

- Code: GPLP606 (35cm length 5-finger glove)
- GPLP613 (35cm length 3-finger glove)
- GPLP614 (35cm length mitt)



Aramid/Glass/PBI Mitts made with a 4 layer construction



- GoodPro® Line P Aramid/Glass/PBI mitts
- Abrasion, cut and tear resistant
- Can be used on both sides (double sided use)
- Aramid/Glass/PBI palm gives protection to 500°C and above
- Superior molten metal splash protection.
- Designed for contact heat and flame for use in foundries, hot end and glass industries



- Length 35cm
- Palm/Back: 750 g/m² Aramid/Glass/PBI
- Cuff: 600 g/m² Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 4 4 4 X 4

- Code: GPLP617 (35cm mitt)
- GPLP620 (26cm mitt)





Mittens made of HT fibre-glass fabric

- Abrasion-resistant
 - Can be used on both sides
 - Double insulated
-
- Length 30cm or 40cm
 - HT fibre-glass fabric gives protection up to 500°C and above.
 - EN 388 1.4.2.2
 - EN 407 4.4.4.4.2.1
-
- Code: H2110030 (30cm length mitt)
H2110040 (40cm length mitt)



Mittens made of aramid fabric with chain mail cover

- Extremely cut-resistant and flexible
 - Double insulated
 - Can be worn on both sides
-
- Length 30cm or 40cm
 - Aramid fabric with chain mail gives protection to 350°C and above
 - EN 388 2 5 4 2 X
 - EN 407 4 3 4 4 4 X
-
- Code: H111B130-ST (30cm length mitt)
H111B140-ST (40cm length mitt)





Available from Autumn 2022

Para-Aramid Glove with Silicone Coating

- Lightweight glove giving excellent dexterity.
 - The lint free fabric does not absorb oil, grease or steam.
 - Gives protection from contact heat to 350°C
 - Specially designed for use in food industry, industrial kitchens, supermarkets and bakeries.
-
- Length 38cm. Available in sizes 9 & 10
 - Fabric: 700 g/m² Para-Aramid fabric with Silicone coating
 - Palm & finger reinforcement : 120 g/m² Aramid felt coupled with 180 g/m² fireproof non-woven fabric.
 - Gauntlet cuff: 290 g/m² Para-Aramid fabric with 30 g/m² coating
-
- EN 388
 - EN 407
 - Code: 55TKS/18XK (38cm 5-finger glove)



Twaron Felt 5-finger Glove with palm reinforcement

- Glass fabric with Twaron felt and silicone fibres provide optimum protection from contact and convective heat.
 - ABI fabric palm reinforcement.
 - Abrasion, cut and tear resistant
 - Special fabric gives contact heat protection to 500°C
 - Designed for contact heat for use in foundries, hot end industries
-
- Length 45cm 5-finger glove, Available in sizes 9, 10 & 11
 - Fabric: Glass fabric with Twaron felt and Silicone fibres
 - Palm reinforcement: ABI fabric
-
- EN 388 3 5 4 4
 - EN 407 4 4 4 4 4 4
-
- Code: MCABY5T 45cm length 5-finger glove)





Gloves made of HT fabric

- Soft and flexible
 - Can be worn on both sides
 - Double insulated
 - Does not stick to glass
-
- Length 30cm or 40cm
 - HT fabric gives protection to 500°C and above
 - EN 388 1 X 2 2
 - EN 407 4.4.X 2 1 X
-
- Code: H3110030 (30cm length mitt)
 - H3130030 (30cm length 3-finger glove)
 - H3110040 (40cm length mitt)
 - H3130040 (40cm length 3-finger glove)



Contact Overmitts

- Gives additional protection to standard gloves.
- Must be worn in conjunction with Category III certified gloves.
- Only the overmitt needs to be replaced when worn out.
- Use of the overmitt increases the service life of the standard gloves, thus reducing costs.
- Improves insulative properties of the standard gloves.
- Ambidextrous.



Aramide fabric
ÜZ1110024



PBI® fabric
ÜZ1110024-PBI



HT glass fabric
ÜZ2110024

PBI®-only by **PBI** PERFORMANCE PRODUCTS, INC.



Additional lengths on request!



Jutec® Knitted Aramid Sleeves

- Arm protection against radiant and contact heat.
- Available with or without the thumb hole.
-
- Length 35cm
- Knitted Aramid
- EN 388
- EN 407
-
- Code: UA0035KVS (35cm length sleeve no thumb hole)
UA0035KVS-DL (35cm length sleeve with thumb hole)



Kevlar Knitted Sleeves

- Tough, cut and tear resistant
- Available in a variety of lengths
- Washable
- Aluminised back for protection against radiant heat and molten metal splash
- Designed for use in food processing, manufacturing, engineering.
-
- Length 10", 14", 18", 22"
- Knitted Kevlar
- EN 388 1 2 4 1
-
- Code: ST28640 10" Open sleeve
ST28641 14" Open sleeve
ST28642 18" Open sleeve
ST28644 22" Open sleeve
ST28643 18" with bartack
ST28645 22" with bartack





Gloves for radiant heat protection up to and exceeding 1000°C

Aluminised gloves are mainly used for protection against radiant heat. The aluminised woven fabric protects the wearer against radiant heat near a heat source. High levels of radiant heat occur when objects are removed from a furnace, when holding a welding torch, or when scraping or burning surface slag from molten steel in a crucible. Different materials are used for the palms, to suit the specific application: for example, flying sparks may hit the palm during welding work, or flying slag may occur during casting. Some protection against contact heat is therefore also afforded, in addition to the protection against radiant heat.



Blue Sebatan® leather gloves with aluminised back

- Abrasion-resistant
- Blue Sebatan® leather with cotton lining
- Length 35cm
- Blue Sebatan® leather palm gives contact heat protection up to 250°C
- EN 388 4 2 2 2 X
- EN 407 4 2 3 4 4 4
- Code: H05LA235-BL





H05LA238-W2

Brown split leather gloves with aluminised back

- Abrasion-resistant
- Soft and flexible
- Excellent handling properties
-
- Lengths 30cm and 38cm
- Additional lengths available on request
- Also available with Velcro cuff
- Also available with additional insulation
- Brown split leather palm gives contact heat protection up to 250°C
- EN 388 4 2 4 4
- EN 407 4 2 3 4 4 4
-
- Code: H05LA230-W2 (30cm length glove)
H05LA238-W2 (38cm length glove)
H03LA230-W2 (30cm length 3-finger glove)
H03LA238-W2 (38cm length 3-finger glove)
H01LA230-W2 (30cm length mitt)
H01LA238-W2 (38cm length mitt)



H01LA238-W2

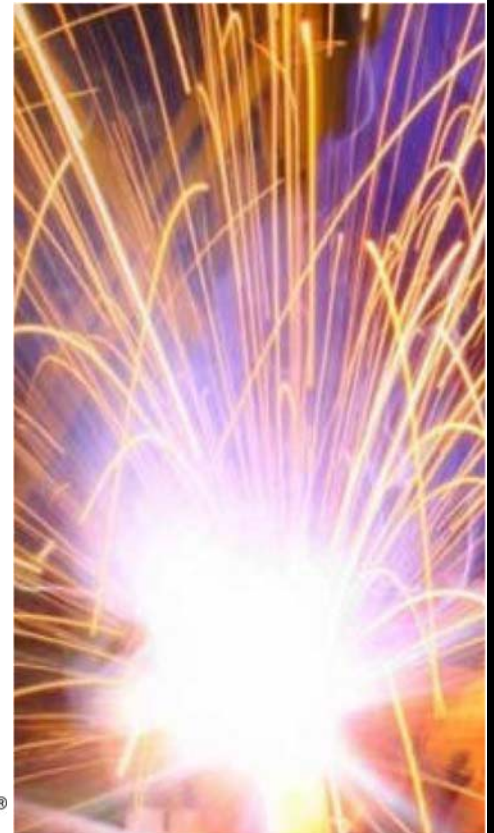


H03LA238-W2



Brown split leather glove with aluminised back and wool insulation

- GoodPro® Line L Leather Glove with aluminised back and wool insulation.
- Abrasion, cut and tear resistant
- Protection against contact heat up 100°C and flame
- Aluminised back for protection against radiant heat and molten metal splash
- Designed for use in foundries and engineering, metallurgical and glass industries, and for welding
-
- Length 35cm
- Palm: Split leather
Back: 370 g/m² aluminised Aramid
Insulation: Wool
- EN 388 3 2 2 4
- EN 407 4 1 2 4 4 4
-
- Code: GPLL133 (35cm length 5-finger glove)





Lengths: 30 cm to 60 cm



H115A238-W2

H115A230-W2
H115A230-W2
H115A245-W2

Aramid fabric gloves with aluminised back

- Cut-resistant and abrasion-resistant
- Excellent handling properties
- Lengths 30cm - 40cm
- Additional lengths available on request
- Also available with Velcro cuff
- Also available with additional insulation
- Aramid fabric palm gives contact heat protection up to 500°C
- EN 388 1.5.4.2
- EN 407 4.2.3.4.4.4 (without additional insulation)



H111A240-W2

- Code: H115A230-W2 (30cm length glove)
- H115A238-W2 (38cm length glove)
- H115A230-W2 (30cm length 3-finger glove)
- H115A240-W2 (40cm length 3-finger glove)
- H115A230-W2 (30cm length mitt)
- H115A240-W2 (40cm length mitt)



H113A240-W2

With PV insulation (Preox fleece lining)

- Code: H115A238-W2-PV (38cm length glove)
- H115A240-W2-PV (40cm length 3-finger glove)
- H115A240-W2-PV (40cm length mitt)

With RO insulation (Carbon needle-felt lining)

- Code: H115A245-W2-RO (45cm length 5-finger oven glove)





Aramid fabric gloves, aluminised back, 3-layer construction

- GoodPro® Line K Aramid fabric gloves, aluminised back, 3-layer construction
- Abrasion, cut & tear resistant
- Aluminised back for radiant and molten metal splash protection
- Aramid palm and cuff gives protection to 250°C

- Length 35cm
- Palm: 320 g/m² Aramid
- Back: 370 g/m² aluminised Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 2 4 4 X 4
- Code: GPLK315 (35cm length 5-finger glove)
- GPLK313 (35cm length 3-finger glove)
- GPLK311 (35cm length mitt)



Aramid fabric gloves, aluminised back, 3-layer construction

- GoodPro® Line Z Aramid fabric gloves, aluminised back, 3-layer construction
- Abrasion, cut and tear resistant
- Aramid palm and cuff gives protection against contact heat up 350°C and flame
- Aluminised back for protection against radiant heat and molten metal splash
- Designed for use in foundries and engineering, metallurgical and glass industries, and for welding

- Length 35cm
- Palm: 600 g/m² Aramid
- Back: 370 g/m² aluminised Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 3 4 4 X 4
- Code: GPLZ708 (35cm length 5-finger glove)
- GPLZ706 (35cm length 3-finger glove)
- GPLZ700 (35cm length mitt)





Lengths: 30 cm to 60 cm



H125A238-W2

Gloves made of Preox-aramid fabric with aluminised back

- Cut-resistant and abrasion-resistant
- Soft and flexible
- Excellent handling properties

- Lengths 30cm - 40cm
- Additional lengths available on request
- Also available with Velcro cuff
- Also available with additional insulation
- Preox-aramid fabric palm gives contact heat protection up to 650°C
- EN 388 3.4.4.3
- EN 407 4.2.3.4.4.4 (without additional insulation)

- Code: H125A230-W2 (30cm length glove)
- H125A238-W2 (38cm length glove)
- H123A230-W2 (30cm length 3-finger glove)
- H123A240-W2 (40cm length 3-finger glove)
- H121A230-W2 (30cm length mitt)
- H121A240-W2 (40cm length mitt)

With PV insulation (Preox fleece lining)

- Code: H121A238-W2-PV (38cm length glove)
- H123A240-W2-PV (40cm length 3-finger glove)
- H121A240-W2-PV (40cm length mitt)



H121A240-W2



H123A230-W2





Aramid/Carbon fabric gloves, aluminised back, 3-layer construction

- GoodPro® Line C Aramid/Carbon fabric gloves, aluminised back, 3-layer construction
- Abrasion, cut & tear resistant
- Aluminised back for radiant and molten metal splash protection
- Aramid/Carbon palm and cuff gives protection to 350°C
- Designed for use in foundries, hot end and glass industries.

- Length 35cm
- Palm: 600 g/m² Aramid/Carbon
- Back: 370 g/m² aluminised Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 3 3 4 X 4

- Code: GPLC902 (35cm length 5-finger glove)
- GPLC901 (35cm length 3-finger glove)
- GPLC900 (35cm length mitt)



Aramid/Glass/PBI fabric gloves, aluminised back, 3-layer construction

- GoodPro® Line P Aramid/Glass/PBI fabric gloves, aluminised back, 4-layer construction
- Abrasion, cut and tear resistant
- Aramid/Glass/PBI palm and Aramid cuff gives protection against contact heat up to 500°C and above and flame
- Aluminised back for protection against radiant heat and molten metal splash
- Designed for use in foundries and engineering, metallurgical and glass industries.

- Length 35cm
- Palm: 750 g/m² Aramid/Glass/PBI
- Back: 370 g/m² aluminised Aramid
- Cuff: 600 g/m² Aramid
- Insulation: Wool
- EN 388 1 5 4 X
- EN 407 4 3 4 4 X 4

- Code: GPLP605 (35cm length 5-finger glove)
- GPLP616 (35cm length 3-finger glove)
- GPLP607 (35cm length mitt)





H115AS238-W2

Gloves made of fibre-glass fabric with silicone coating, with aluminised back

- Abrasion-resistant and non-slip
 - Flexible
 - Excellent handling properties
-
- Lengths 30cm and 38cm
 - Additional lengths available on request
 - Also available with Velcro cuff
 - Also available with additional insulation
 - Fibre-glass fabric palm with silicone coating gives contact heat protection up to 600°C
 - EN 388 4.X.4.X
 - EN 407 4.3.3.4.4.4
-
- Code: H115AS230-W2 (30cm length glove)
 - H115AS238-W2 (38cm length glove)
 - H113AS230-W2 (30cm length 3-finger glove)
 - H113AS238-W2 (38cm length 3-finger glove)
 - H111AS230-W2 (30cm length mitt)
 - H111AS238-W2 (38cm length mitt)
-



H111AS238-W2



H113AS238-W2





H1A5A240-W2

Gloves made of Preox-aramid aluminised fabric

- Smokeproof and dustproof
- Moisture-repellent
- Excellent handling properties

- Lengths 30cm and 40cm
- Additional lengths available on request
- Also available with Velcro cuff
- Also available with additional insulation
- Preox-aramid aluminised fabric palm gives contact heat protection up to 200°C
- EN 388 4.3.4.3
- EN 407 4.1.3.4.4.4 (without additional insulation)

- Code: H1A5A230-W2 (30cm length glove)
H1A5A240-W2 (40cm length glove)
H1A3A230-W2 (30cm length 3-finger glove)
H1A3A240-W2 (40cm length 3-finger glove)
H1A1A230-W2 (30cm length mitt)
H1A1A240-W2 (40cm length mitt)



H1A1A240-W2



H1A3A240-W2



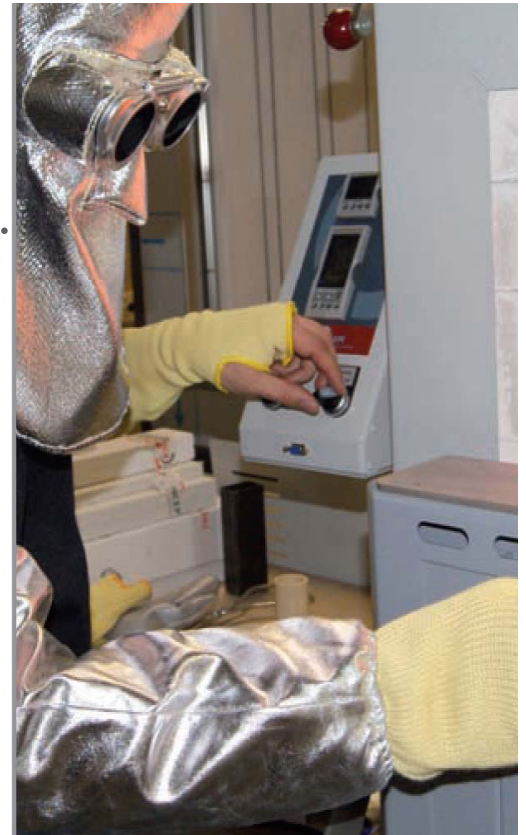


Jutec® Aluminised Sleeves

- Heat protection sleeves made from aluminised Aramid or Preox Aramid fabric
 - Cut and abrasion resistant
 - Length 42cm, elasticated ends
 - Protection against radiant heat to 1000°C
-
- CE, EN ISO 11612
 - Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
Code: HSA042KA-1
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
Code: HSA042KA-2
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSA042KA-3



CE
DIN EN ISO 11612



GoodPro® Aluminised Sleeves

- Heat protection sleeves made from various aluminised fabrics
 - Cut and abrasion resistant
 - Length 40cm, Velcro cuff
 - Protection against radiant heat to 1000°C
-
- CE, EN ISO 11612
 - Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4)Code: GP1451 / 1451
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1)Code: GP1351/ 1351
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5)Code: GP1651 / 1651
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7)Code: GP1851/ 1851



CE
DIN EN ISO 11612





Jutec® Welding Shield of aluminised Aramid Fabric



- Heat reflecting
- Elasticated bands to secure
- Gives additional protection when used in conjunction with standard gloves
- Increases life of gloves, saving money
- Aluminised for radiant and molten metal splash protection
- Can be used on both sizes

- Length approx 22cm
- Only for use with Cat III PPE

- Available in
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
Code: HSHD0002KA-3



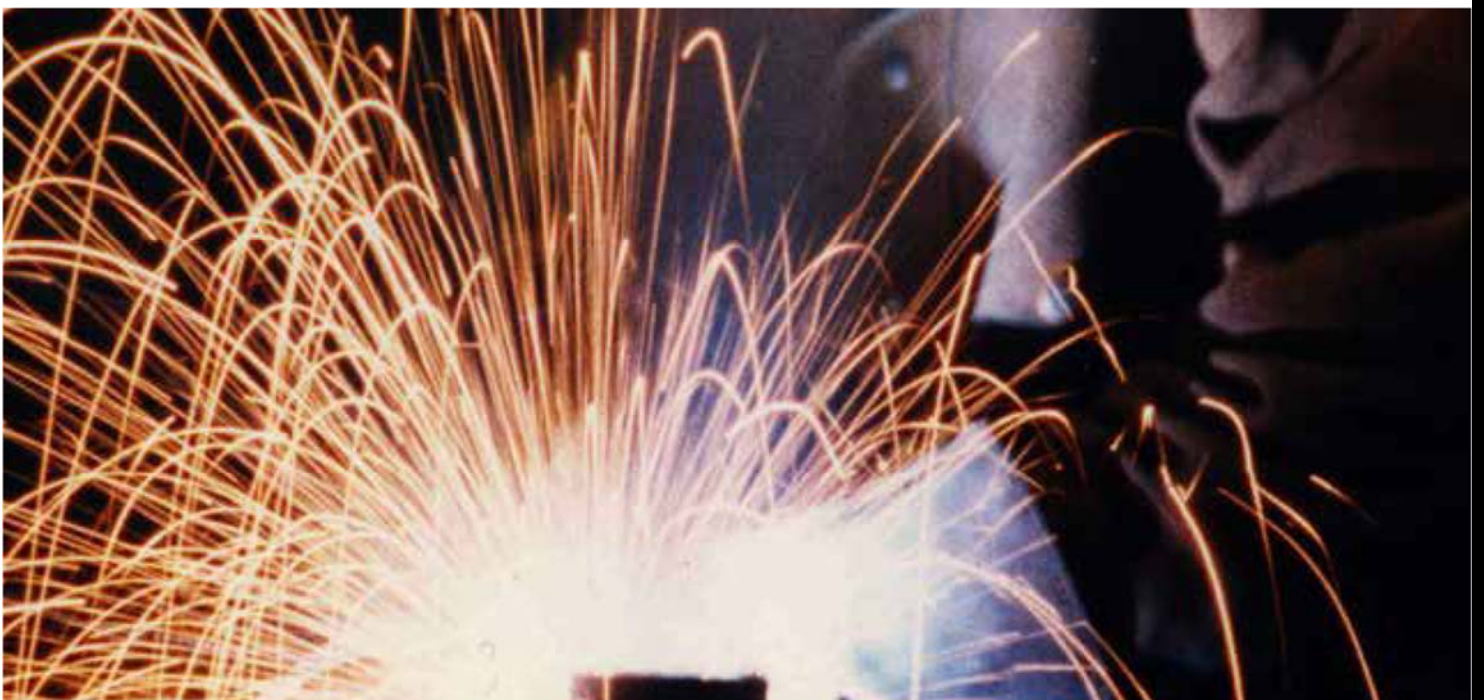
Welding torch hand protector of aluminised Preox-Aramid Fabric



- Heat reflecting
- Abrasion resistant
- Easy to use
- Fits most standard welding torches

- Only for use with Cat III PPE

- Available in
 - Preox-Aramid aluminised high vacuum
Code: SPH001KAN





Goliath Mid Blast Mid Length Foundry Boot

Mid length lightweight foundry boot in heavy duty tanned chrome leather with flame-resistant dual density rubber injected sole.

- Stainless steel toecap and midsole
- Flame retardant full grain Barton print leather upper with higher chrome content (1.8-2.0mm thick)
- Lightweight injected flame-retardant dual density rubber/rubber flexible sole which is antistatic, shock absorbing, and heat resistant to 300°C.
- Quick release Velcro fastening.
- Inner lining - moisture wicking textile to vamp only
- SRC rated slip resistant
- Flame resistant sewing thread
- Antistatic. Oil resistant. Water repellent upper.
- Available in UK sizes 5-13 (Full sizes only)

- Manufactured to EN ISO 20349:2010 S3 HI CI HRO SRC Fe
- Code: 730GMB



Goliath Blast King High Leg Foundry Boot

High leg lightweight foundry boot in heavy duty tanned chrome leather with flame-resistant dual density rubber injected sole.

- Stainless steel toecap and midsole
- Flame retardant full grain Barton print leather upper with higher chrome content (1.8-2.0mm thick)
- Lightweight injected flame-retardant dual density rubber/rubber flexible sole which is antistatic, shock absorbing, and heat resistant to 300°C.
- Quick release Velcro fastening.
- Inner lining - moisture wicking textile to vamp only
- SRC rated slip resistant
- Flame resistant sewing thread
- Antistatic. Oil resistant. Water repellent upper.
- Available in UK sizes 5-13 (Full sizes only)

- Manufactured to EN ISO 20349:2010 S3 HI CI HRO SRC Fe
- Code: 730GBK





Rock Fall Vulcan High Leg Foundry Boot

Designed for heavy industries, the Vulcan Foundry boot is certified to the latest foundry footwear standards and offers the highest level of protection.

- Protective fibreglass toecap and composite anti-penetration flexi-midsole
- Flame retardant black buffalo full grain leather, resistant to molten metal splash
- Sturdy collar strap for additional comfort and improved fitting
- Quick release flame-resistant Velcro fastening
- FORCE10® solid nitrile rubber outsole constructed for extreme durability
- Breathable mesh lining
- Ortholite® premium enhanced comfort footbed
- Flame resistant sewing thread
- Antistatic. Oil resistant. Water repellent upper.
- Available in UK sizes 5-14 (Full sizes only)

-
- Manufactured to exceed EN ISO 20349:2010 S3 HI CI HRO SRC Fe
 - Code: 730RF7000
-



Rock Fall Spark Welding Boot

A revolutionary welding boot, the Spark is certified to the latest implemented welding standard, and offers the highest level of protection.

- Protective fibreglass toecap and composite anti-penetration flexi-midsole
- Flame retardant black buffalo full grain leather
- FORCE10® solid nitrile rubber outsole constructed for extreme durability
- 100% non-metallic
- Leather cover attached with Velcro
- Easy, quick removal
- Breathable mesh lining
- Ortholite® premium enhanced comfort footbed
- Flame resistant sewing thread
- Antistatic. Oil resistant. Water repellent upper.
- Available in UK sizes 3-14 (Full sizes only)

-
- Manufactured to exceed EN ISO 20349:2010 S3 HI CI HRO SRC
 - Code: 730RF5000
-





Goldfreeze® Helmet System - Style A-BEN

Based around the popular Schuberth BEN II helmet, this system gives enhanced protection to the wearer, using an aluminised para-aramid helmet cover and face shield attached to the helmet with a universal hinged mount. It also incorporates a heat protection glass to suit your needs - chose from clear, gold or colour corrected lenses. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.

- This system comprises the following components (also all available separately):
- Schuberth BEN II Safety Helmet (A300001)
- Universal Hinged Mount (A300004)
- Helmet Cover K/F-3Z aluminised para-aramid fabric (A302006)
- Face Shield K/F-4Z aluminised para-aramid fabric with aluminum framed window for glasses size 100mm x 220mm (A302007)
- Heat Protection Glass 100mm x 220mm to suit window in face shield. Chose from clear (A300101), gold coated (A300102) or colour corrected (blue tinted) (A300103).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390001 with clear glass
A390002 with gold coated glass
A390003 with colour corrected glass



Goldfreeze® Helmet System - Style A-VOSS

Based around the popular Voss INAP-PCG helmet, this system gives enhanced protection to the wearer, using an aluminised para-aramid helmet cover and face shield attached to the helmet with a universal hinged mount. It also incorporates a heat protection glass to suit your needs - chose from clear, gold or colour corrected lenses. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.

- This system comprises the following components (also all available separately):
- Voss INAP-PCG Safety Helmet (A320001)
- Universal Hinged Mount (A300018)
- Helmet Cover K/F-3Z aluminised para-aramid fabric (A302006)
- Face Shield K/F-4Z aluminised para-aramid fabric with aluminum framed window for glasses size 100mm x 220mm (A302007)
- Heat Protection Glass 100mm x 220mm to suit window in face shield. Chose from clear (A300101), gold coated (A300102) or colour corrected (blue tinted) (A300103).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390011 with clear glass
A390012 with gold coated glass
A390013 with colour corrected glass





Goldfreeze® Helmet System - Style B-BEN Small Face

Based around the popular Schubert BEN II helmet, this system gives enhanced protection to the wearer, using an aluminised face & neck shroud, and an enclosed visor attached to the helmet with a universal hinged mount. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.

- This system comprises the following components (also all available separately):
- Schubert BEN II Safety Helmet (A300001)
- Universal Hinged Mount (A300004)
- Aluminised Face & Neck Shroud with small face opening (A302003)
- Enclosed all-round polycarbonate visor to cover window in face & neck shroud. Choose from clear (A300011), gold plated (A300012) or gold plated & green tinted (A300013).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390101 with clear face shield
A390102 with gold plated face shield
A390103 with gold plated, green tinted face shield



Goldfreeze® Helmet System - Style B-VOSS Small Face

Based around the popular Voss INAP-PCG helmet, this system gives enhanced protection to the wearer, using an aluminised face & neck shroud, and an enclosed visor attached to the helmet with a universal hinged mount. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.

- This system comprises the following components (also all available separately):
- Voss INAP-PCG Safety Helmet (A320001)
- Universal Hinged Mount (A300018)
- Aluminised Face & Neck Shroud with small face opening (A302003)
- Enclosed all-round polycarbonate visor to cover window in face & neck shroud. Choose from clear (A300011), gold plated (A300012) or gold plated & green tinted (A300013).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390111 with clear face shield
A390112 with gold plated face shield
A390113 with gold plated, green tinted face shield





Goldfreeze® Helmet System - Style C-BEN Standard Face

Based around the popular Schuberth BEN II helmet, this system gives enhanced protection to the wearer, using an aluminised face & neck shroud, and an enclosed visor attached to the helmet with a universal hinged mount. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.

- This system comprises the following components (also all available separately):
- Schuberth BEN II Safety Helmet (A300001)
- Universal Hinged Mount (A300004)
- Aluminised Face & Neck Shroud with standard face opening (A302004)
- Enclosed all-round polycarbonate visor to cover window in face & neck shroud. Choose from clear (A300011), gold plated (A300012) or gold plated & green tinted (A300013).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390104 with clear face shield
A390105 with gold plated face shield
A390106 with gold plated, green tinted face shield



Goldfreeze® Helmet System - Style C-VOSS Standard Face

Based around the popular Voss INAP-PCG helmet, this system gives enhanced protection to the wearer, using an aluminised face & neck shroud, and an enclosed visor attached to the helmet with a universal hinged mount. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.

- This system comprises the following components (also all available separately):
- Voss INAP-PCG Safety Helmet (A320001)
- Universal Hinged Mount (A300018)
- Aluminised Face & Neck Shroud with standard face opening (A3020034)
- Enclosed all-round polycarbonate visor to cover window in face & neck shroud. Choose from clear (A300011), gold plated (A300012) or gold plated & green tinted (A300013).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390114 with clear face shield
A390115 with gold plated face shield
A390116 with gold plated, green tinted face shield





Goldfreeze® Helmet System - Style D-BEN

Based around the popular Schubert BEN II helmet, this system gives protection to the wearer, using an all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat.

- This system comprises the following components (also all available separately):
- Schubert BEN II Safety Helmet (A300001)
- Universal Hinged Mount (A300004)
- All-round polycarbonate visor. Choose from clear (A300002), gold plated (A300005) or gold plated & green tinted (A300003).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390201 with clear face shield
A390202 with gold plated face shield
A390203 with gold plated, green tinted face shield



Goldfreeze® Helmet System - Style D-VOSS

Based around the popular Voss INAP-PCG helmet, this system gives protection to the wearer, using an all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat.

- This system comprises the following components (also all available separately):
- Voss INAP-PCG Safety Helmet (A320001)
- Universal Hinged Mount (A300018)
- All-round polycarbonate visor. Choose from clear (A300002), gold plated (A300005) or gold plated & green tinted (A300003).

- Components comply with DIN EN ISO 11612 where applicable.
- Codes: A390211 with clear face shield
A390212 with gold plated face shield
A390213 with gold plated, green tinted face shield





Goldfreeze® Helmet System - Style E-BEN

Based around the popular Schuberth BEN II helmet, this system gives protection to the wearer, using an enclosed all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat, with additional protection to the chin.

- This system comprises the following components (also all available separately):
 - Schuberth BEN II Safety Helmet (A300001)
 - Universal Hinged Mount (A300004)
 - Enclosed all-round polycarbonate visor. Choose from clear (A300011), gold plated (A300012) or gold plated & green tinted (A300013).
-
- Components comply with DIN EN ISO 11612 where applicable.
 - Codes: A390301 with clear face shield
A390302 with gold plated face shield
A390303 with gold plated, green tinted face shield
-



Goldfreeze® Helmet System - Style E-VOSS

Based around the popular Voss INAP-PCG helmet, this system gives protection to the wearer, using an enclosed all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat, with additional protection to the chin.

- This system comprises the following components (also all available separately):
 - Voss INAP-PCG Safety Helmet (A320001)
 - Universal Hinged Mount (A300018)
 - Enclosed all-round polycarbonate visor. Choose from clear (A300011), gold plated (A300012) or gold plated & green tinted (A300013).
-
- Components comply with DIN EN ISO 11612 where applicable.
 - Codes: A390311 with clear face shield
A390312 with gold plated face shield
A390313 with gold plated, green tinted face shield
-





Goldfreeze® Helmet System - Style F-BEN

Based around the popular Schubert BEN II helmet, this system gives protection to the wearer, using an all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat. The clear all-round visor is worn in conjunction with a green tinted (shade 5) half visor.

- This system comprises the following components (also all available separately):
 - Schubert BEN II Safety Helmet (A300001)
 - Universal Hinged Mount (A300004)
 - All-round polycarbonate visor clear with enlarged holes (A300045)
 - Half visor (500mm x 125mm) green tint shade 5 (A300046)
-
- Components comply with DIN EN ISO 11612 where applicable.
 - Code: A390401
-



Goldfreeze® Helmet System - Style F-VOSS

Based around the popular Voss INAP-PCG helmet, this system gives protection to the wearer, using an all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat. The clear all-round visor is worn in conjunction with a green tinted (shade 5) half visor.

- This system comprises the following components (also all available separately):
 - Voss INAP-PCG Safety Helmet (A320001)
 - Universal Hinged Mount (A300018)
 - All-round polycarbonate visor clear with enlarged holes (A300045)
 - Half visor (500mm x 125mm) green tint shade 5 (A300046)
-
- Components comply with DIN EN ISO 11612 where applicable.
 - Code: A390511
-





Goldfreeze® Helmet System - Style G - BEN

Based around the popular Schuberth BEN II helmet, this system gives protection to the wearer, using an all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat. The clear all-round visor also carries a gold coated visor mounted on a flip-up bracket.

- This system comprises the following components (also all available separately):
 - Schuberth BEN II Safety Helmet (A300001)
 - Universal Hinged Mount (A300004)
 - All-round polycarbonate visor clear with gold plated flip screen (A300041)
-
- Components comply with DIN EN ISO 11612 where applicable.
 - Codes: A390501
-



Goldfreeze® Helmet System - Style G - VOSS

Based around the popular Voss INAP-PCG helmet, this system gives protection to the wearer, using an all-round visor attached to the helmet with a universal hinged mount. This system gives the wearer head protection from radiant heat. The clear all-round visor also carries a gold coated visor mounted on a flip-up bracket.

- This system comprises the following components (also all available separately):
 - Voss INAP-PCG Safety Helmet (A320001)
 - Universal Hinged Mount (A300018)
 - Enclosed all-round polycarbonate visor. Choose from clear (A300011), gold plated (A300012) or gold plated & green tinted (A300013).
-
- Components comply with DIN EN ISO 11612 where applicable.
 - Code: A390511
-





Goldfreeze® Helmet System - Style H - standard window

Based around the popular Schuberth BEN II safety helmet, this system gives protection to the wearer, using a protective hood made of heat resistant fabric with aluminised high vacuum coating (KA-1, KA-2 or KA-3).

The protective hood features an aluminum-framed window which holds a heat protection glass size 100 x 220mm (larger size also available see below), to suit your needs - chose from clear, gold or colour corrected lenses. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.



- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
- This system comprises the following components (also all available separately):
 - Schuberth BEN II Safety Helmet (A300001)
 - Jutec Protective Hood (HSS000KA-1, HSS000KA-2 or HSS000KA-3)
 - Heat Protection Glass 100mm x 220mm to suit window in face shield. Chose from clear (A300101), gold coated (A300102) or colour corrected (blue tinted) (A300103).
- Components comply with DIN EN ISO 11612 where applicable.
- Codes:
 - A390601 with KA-1 hood and a clear glass
 - A390602 with KA-1 hood and a gold coated glass
 - A390603 with KA-1 hood and a colour corrected glass
 - A390604 with KA-2 hood and a clear glass
 - A390605 with KA-2 hood and a gold coated glass
 - A390606 with KA-2 hood and a colour corrected glass
 - A390607 with KA-3 hood and a clear glass
 - A390608 with KA-3 hood and a gold coated glass
 - A390609 with KA-3 hood and a colour corrected glass

Goldfreeze® Helmet System - Style H - large window

Based around the popular Schuberth BEN II safety helmet, this system gives protection to the wearer, using a protective hood made of heat resistant fabric with aluminised high vacuum coating (KA-1, KA-2 or KA-3).

The protective hood features an aluminium-framed window which holds a heat protection glass size 150 x 250mm (standard size also available see above), to suit your needs - chose from clear, gold or colour corrected lenses. This system gives the wearer head, throat and neck protection from radiant heat to 1000°C.



- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
- This system comprises the following components (also all available separately):
 - Schuberth BEN II Safety Helmet (A300001)
 - Jutec Protective Hood (HSS000KA-1-GF, HSS000KA-2-GF or HSS000KA-3-GF)
 - Heat Protection Glass 100mm x 220mm to suit window in face shield. Chose from clear (A300101), gold coated (A300102) or colour corrected (blue tinted) (A300103).
- Components comply with DIN EN ISO 11612 where applicable.
- Codes:
 - A390601-GF with KA-1 hood and a clear glass
 - A390602-GF with KA-1 hood and a gold coated glass
 - A390603-GF with KA-1 hood and a colour corrected glass
 - A390604-GF with KA-2 hood and a clear glass
 - A390605-GF with KA-2 hood and a gold coated glass
 - A390606-GF with KA-2 hood and a colour corrected glass
 - A390607-GF with KA-3 hood and a clear glass
 - A390608-GF with KA-3 hood and a gold coated glass
 - A390609-GF with KA-3 hood and a colour corrected glass



Goldfreeze® Helmet System - Style J - standard window

Based around the popular Schuberth BEN II safety helmet, this system gives protection to the wearer, using a protective hood made of heat resistant fabric with aluminised high vacuum coating (KA-1, KA-2 or KA-3).

The protective hood features an aluminium-framed window which holds a heat protection glass size 100 x 220mm (larger size also available see below), to suit your needs - chose from clear, gold or colour corrected lenses. This system gives the wearer head, throat, neck and chest protection from radiant heat to 1000°C.

- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
- This system comprises the following components (also all available separately):
 - Schuberth BEN II Safety Helmet (A300001)
 - Jutec Protective Hood (HSS050KA-1, HSS050KA-2 or HSS050KA-3)
 - Heat Protection Glass 100mm x 220mm to suit window in face shield. Chose from clear (A300101), gold coated (A300102) or colour corrected (blue tinted) (A300103).
- Components comply with DIN EN ISO 11612 where applicable.
- Codes:
 - A390701 with KA-1 hood and a clear glass
 - A390702 with KA-1 hood and a gold coated glass
 - A390703 with KA-1 hood and a colour corrected glass
 - A390704 with KA-2 hood and a clear glass
 - A390705 with KA-2 hood and a gold coated glass
 - A390706 with KA-2 hood and a colour corrected glass
 - A390707 with KA-3 hood and a clear glass
 - A390708 with KA-3 hood and a gold coated glass
 - A390709 with KA-3 hood and a colour corrected glass



Goldfreeze® Helmet System - Style J - large window

Based around the popular Schuberth BEN II safety helmet, this system gives protection to the wearer, using a protective hood made of heat resistant fabric with aluminised high vacuum coating (KA-1, KA-2 or KA-3).

The protective hood features an aluminium-framed window which holds a heat protection glass size 150 x 250mm (standard size also available see above), to suit your needs - chose from clear, gold or colour corrected lenses. This system gives the wearer head, throat, neck and chest protection from radiant heat to 1000°C.

- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
- This system comprises the following components (also all available separately):
 - Schuberth BEN II Safety Helmet (A300001)
 - Jutec Protective Hood (HSS050KA-1-GF, HSS050KA-2-GF or HSS050KA-3-GF)
 - Heat Protection Glass 100mm x 220mm to suit window in face shield. Chose from clear (A300101), gold coated (A300102) or colour corrected (blue tinted) (A300103).
- Components comply with DIN EN ISO 11612 where applicable.
- Codes:
 - A390701-GF with KA-1 hood and a clear glass
 - A390702-GF with KA-1 hood and a gold coated glass
 - A390703-GF with KA-1 hood and a colour corrected glass
 - A390704-GF with KA-2 hood and a clear glass
 - A390705-GF with KA-2 hood and a gold coated glass
 - A390706-GF with KA-2 hood and a colour corrected glass
 - A390707-GF with KA-3 hood and a clear glass
 - A390708-GF with KA-3 hood and a gold coated glass
 - A390709-GF with KA-3 hood and a colour corrected glass



Schuberth BEN II Safety Helmet



- Duroplastic PF-SF, textile/phenolic resin helmet
- Adjustable fabric webbing harness
- Fits with hoods and hinged mount
- For use in chemical and hot industries
-
• DIN EN 397 LD MM +150° C
- Code: A300001

Voss INAP-PCG Safety Helmet



- Fibreglass-reinforced polycarbonate shell.
- Adjustable 6-point fabric webbing harness.
- Fits with hoods and hinged mounts.
- For use in metalworking, heavy industry, iron and glass melting, as well as other hot environments.
- Temperature resistant down to -30°C and up to +150°C (short term to 1000°C).
-
• DIN EN 397 LD MM +150° C
- EN 50365 (0682 part 321):2002-11
- Code: A320001

Universal Hinged Mount (Swing Frame)



- Side locking hinges.
- Coil tension spring.
- Fits to Schuberth BEN II & Voss Helmets (above) and many standard hard hats.
- Fits with all All-round Visors, Face Shields and screens.
-
• Code: A300004 (to fit Schuberth BEN)
- Code: A300018 (to fit Voss INAP-PCG)
- Code: A300037 (to fit Vulcan helmet)

Visors Carrier / Head Gear with Forehead Guard



- Fully adjustable, comfortable head gear
- The forehead guide extends we above the head and is made of high-quality polypropylene.
- Fits with all All-round Visors.
-
• Code: GFKKH200





All-round Polycarbonate Visors

- Flexible polycarbonate plate
 - Rounded shape, 500 x 250mm
 - Fits to Universal Hinged Mount or Visor Carrier
-
- DIN EN 166 (& EN 171 Gold plated)
 - Available in different finishes
 - Clear (Radiant heat to 150° C)
Code: A300002
 - Gold plated (Radiant heat to 600° C)
Code: A300005
 - Gold plated, green tinted (Radiant heat to 600° C)
Code: A300003



All-round Polycarbonate Visors - fully enclosed, to protect chin

- Flexible polycarbonate plate
 - Rounded shape, 500 x 250mm
 - Fits to Universal Hinged Mount or Visor Carrier
-
- DIN EN 166 (& EN 171 Gold plated)
 - Available in different finishes
 - Clear, fully enclosed to protect chin
Code: A300011
 - Gold plated, fully enclosed to protect chin
Code: A300012
 - Gold plated, green tinted, fully enclosed to protect chin.
Code: A300013



All-round Polycarbonate Visor with gold coating on upper half

- Flexible polycarbonate plate, transparent with sealed gold coating (125mm) on upper half.
 - Rounded shape, 500 x 250mm
 - Fits to Universal Hinged Mount or Visor Carrier
-
- DIN EN 166 (& EN 171 Gold plated)
 - Code: A300048



All-round Polycarbonate Visor with shade 5 green tinted half visor

- Flexible polycarbonate clear visor 500 x 250mm with enlarged holes
- Green tinted (shade 5) half visor, 500 x 125mm
- Fits to Universal Hinged Mount or Visor Carrier (not included)

Code: A300047 (Clear visor with shade 5 Green Tint half visor)

Can be purchased separately:

A300045 (Clear visor with enlarged holes)

A300046 (CA Visor All Round 500x125mm Green Tint - Shade 5)



Helmet Cover with integrated Neck Protection for Universal Hinged Mount (Swing Frame)



- Shaped neck protection
- Fits to Schuberth BEN II safety helmet and Voss INAP-PCG safety helmet
- For use with All-round Visors

- CE, DIN EN ISO 11612
- Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)

Code: HSU002KA-1



Aluminised Face & Neck Shroud

- Face and Neck Shroud in aluminised aramid fabric.
- Available with standard or small face opening
- All seams sewn with Kevlar thread
- Gives protection against short contact with flames, convective and radiant heat, and molten metal splash, when used in conjunction with other appropriate protective clothing.
- Can be used in conjunction with most standard heat protection safety helmets, hinged mounts and visors (sold separately).
- Designed to be worn in a tough work environment

EN ISO 11612:2015 A1 B1 C3 D3 E3 F1 CAT III; EN ISO 13688:2013; CE marked

Codes: A302003 (small face)
A302004 (standard face)



Helmet Cover

- Shaped neck protection
 - Side press studs for attachment to Face Shield (below).
 - Fits to Schuberth BEN II safety helmet and Voss INAP-PCG safety helmet.
-
- CE, DIN EN ISO 11612
 - KF-3/Z - Para-aramid aluminium high vacuum Fabric
-
- Code: A302006



Face Shield

- Face shield with aluminium-framed window for glasses size 100 x 220mm
 - Bendable wire for fitting to face shape.
 - Side press studs for attachment to Helmet Cover (above),
-
- CE, DIN EN ISO 11612
 - KF-4/Z - Para-aramid aluminium high vacuum fabric
-
- Code: A302007



Neck Cape / Neck Protector

- Available in different fabrics
 - Preox-Aramid aluminium high vacuum lightweight, 260g/m² (KA-1)
 - Preox-Aramid aluminium high vacuum mid-weight, 400g/m² (KA-2)
 - Aramid aluminium high vacuum heavyweight, 500g/m² (KA-3)
 - Standard length approx. 30cm, other lengths available to order.
 - To fit Schuberth BEN II helmets, can also be ordered to fit a variety of popular helmet brands, including Voss and Centurion.
 - Velcro attachment, or can be supplied with slots for fitting to harness.
-

- EN ISO 11612
 - Code: HSN003KA-1
HSN003KA-2
HSN003KA-3
-

(Helmet not included)





Jutec® Protective Hood - standard window



Heat protection hood for head, throat and neck protection

- Elastic band in back, storage loop to top.
- Fits Schuberth BEN II safety helmet
- Aluminium-framed window for standard glasses, size 100 x 220mm (larger size also available, see below)

-
- Available in different fabrics
 - Preox-Aramid aluminised high vacuum lightweight, 260g/m² (KA-1)
 - Preox-Aramid aluminised high vacuum mid-weight, 400g/m² (KA-2)
 - Aramid aluminised high vacuum heavyweight, 500g/m² (KA-3)

-
- CE, EN ISO 11612
 - Codes: HSS000KA-1
HSS000KA-2
HSS000KA-3

Jutec® Protective Hood - large window



Heat protection hood for head, throat and neck protection

- Elastic band in back, storage loop to top.
- Fits Schuberth BEN II safety helmet
- Aluminium-framed window for larger glasses, size 150 x 250mm (standard size also available, see above)

-
- Available in different fabrics
 - Preox-Aramid aluminised high vacuum lightweight, 260g/m² (KA-1)
 - Preox-Aramid aluminised high vacuum mid-weight, 400g/m² (KA-2)
 - Aramid aluminised high vacuum heavyweight, 500g/m² (KA-3)

-
- CE, EN ISO 11612
 - Codes: HSS000KA-1-GF
HSS000KA-2-GF
HSS000KA-3-GF



Jutec® Protective Hood - standard window



Heat protection hood for head, throat, neck and chest protection

- Elastic band in back, storage loop to top.
- Fits Schuberth BEN II safety helmet
- Aluminium-framed window for standard glasses, size 100 x 220mm (larger size also available, see below)

- Available in different fabrics
- Preox-Aramid aluminised high vacuum lightweight, 260g/m² (KA-1)
- Preox-Aramid aluminised high vacuum mid-weight, 400g/m² (KA-2)
- Aramid aluminised high vacuum heavyweight, 500g/m² (KA-3)

- CE, EN ISO 11612
- Codes: HSS050KA-1
HSS050KA-2
HSS050KA-3



Jutec® Protective Hood - large window



Heat protection hood for head, throat, neck and chest protection

- Elastic band in back, storage loop to top.
- Fits Schuberth BEN II safety helmet
- Aluminium-framed window for larger glasses, size 150 x 250mm (standard size also available, see above)

- Available in different fabrics
- Preox-Aramid aluminised high vacuum lightweight, 260g/m² (KA-1)
- Preox-Aramid aluminised high vacuum mid-weight, 400g/m² (KA-2)
- Aramid aluminised high vacuum heavyweight, 500g/m² (KA-3)

- CE, EN ISO 11612
- Codes: HSS050KA-1-GF
HSS050KA-2-GF
HSS050KA-3-GF



GoodPro® Protective Hood

Heat protection hood for head, throat, neck and chest protection

- Storage loop to top.
- Fits most standard safety helmets
- Aluminium-framed window for clear Polycarbonate visors, 175 x 270mm or gold-coated polycarbonate visors, or clear or gold-coated glass visors, 100mm x 220mm
- Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4) Code: GP14531 / 1453
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1) Code: GP13531 / 1353
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5) Code: GP16531 / 1653
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7) Code: GP18531 / 1853
- CE, EN ISO 1161



Codes:	HR1 Gabriel	HR4 Bara	HR5 Michael	HR7 Richard
175 x 270mm clear polycarb	GP351	GP451	GP651	GP851
100 x 220mm gold polycarb	GP340	GP440	GP640	GP840
100 x 220mm clear glass	GP390	GP465	GP665	GP865
100 x 220mm gold glass	GP364	GP464	GP664	GP864

GoodPro® Protective Hood - with extra front protection

Heat protection hood for head, throat, neck and chest protection

- Storage loop to top.
- Fits most standard safety helmet
- Aluminium-framed window for clear Polycarbonate visors, 175 x 270mm or gold-coated polycarbonate visors, or clear or gold-coated glass visors, 100mm x 220mm
- Available in different fabrics
 - Aramid aluminised 460g/m² BARA (HR4) Code: GP14531 / 1453
 - Aramid / Carbon aluminised 560g/m² GABRIEL (HR1) Code: GP13531 / 1353
 - Aramid / Carbon aluminised DUAL MIRROR® heavyweight, 645/m² MICHAEL (HR5) Code: GP16531 / 1653
 - 70% Preox 30% Aramid aluminised 460g/m² RICHARD (HR7) Code: GP18531 / 1853
- CE, EN ISO 11612



Codes:	HR1 Gabriel	HR4 Bara	HR5 Michael	HR7 Richard
175 x 270mm clear polycarb	GP354	GP454	GP654	GP854
100 x 220mm gold polycarb	GP341	GP441	GP641	GP841
100 x 220mm clear glass	GP393	GP457	GP657	GP857
100 x 220mm gold glass	GP356	GP456	GP656	GP856



Heat Protection Glass & Polycarbonate Visors

- Curved composite safety glass or flexible polycarbonate
- Protection from radiant heat
- Size 100 x 220mm x 3mm - bonded glass or 100 x 220mm x 1mm - polycarbonate
- Fits to Face Shields and Protective Hoods
- CE, EN ISO 11612
- Available in different colours/finishes:
 - Clear glass
Code: A300101
 - Furnace viewing glass, colour corrected (blue tinted)
Code: A300103
 - Gold plated glass
Code: A300102
 - Shade 9 glass
Code: A300100
 - Gold coated polycarbonate
Code: GP388



Heat Protection Glass & Polycarbonate Visors

- Curved composite safety glass or flexible polycarbonate.
- Protection from radiant heat
- Size 150 x 250mm x 3mm - bonded glass or 100 x 220mm x 1mm - polycarbonate
- Fits to Jutec Protective Hoods with large windows
- CE, EN ISO 11612
- Available in different colours/finishes
 - Clear glass
Code: HWS1525KLAR
 - Gold plated glass
Code: HWS1525G
 - Clear polycarbonate
Code: HWS1525PCKLAR
 - Gold coated polycarbonate
Code: HWS1525PCG



Heat Protection Polycarbonate Visors

- Polycarbonate
- Protection from radiant heat
- Size 175 x 270mm - polycarbonate
- Fits to GoodPro Protective Hoods with large windows
- CE, EN ISO 11612
- Transparent polycarbonate
Code: GP360



Wire Screen without Glass Holder

- Aluminium edging with blackened wire mesh inside, size 300 x 180mm
 - Fits with Hinged Mount
-
- EN ISO 166
 - Code: A310002



Bochum Screen with Glass Holder

- Aluminium edging with blackened wire mesh inside, size 300 x 180mm
 - Protective glass holder
 - Fits with Hinged Mount (page 43)
 - Takes a Furnace Viewing Glass size 120 x 60 mm (page 45)
-
- EN ISO 166
 - Code: A310001

Recommended protective shade according to EN171 depending on temperature.	
Protective shade	Radiation Temperature (°C)
4-2	1110
4-2.5	1150
4-3	1190
4-4	1290
4-5	1390
4-6	1510
4-7	1650



Furnace Viewing Glass

- Composite safety glass, size 120 x 60mm
 - Special colour-correcting blue-coloured filter
 - Protection from radiant heat and blinding light
 - Protection from short-term IR radiation
 - Protection level 4-7 A-DIN
 - Fits with Bochum Screen (page 46)
-
- EN 166 & EN 171
 - Code: A300104

Available in a range of sizes, colours and finishes, please enquire for details.



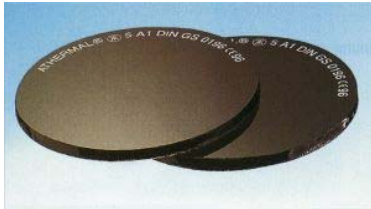
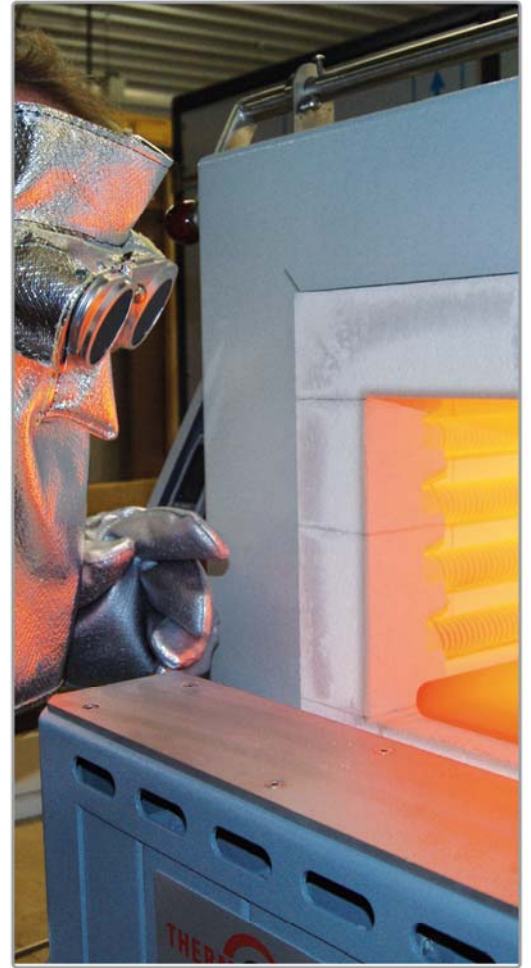


Heat Protection mask with Bochum Goggles

- Heat protection masks of Aluminised Aramid fabric, 500g/m² (KA-3)
- With integrated folding Bochum goggles
- Universal size, can be worn without helmet
- 50mm glass lens, available in a variety of finishes and colours (see page 45)



- Available in three different styles (shown from top).
- Heat protection mask for face, ear and throat protection
Code: HSMA011KA-3
- Heat protection mask for head, face, ear and throat protection
Code: HSMA012KA-3
- Heat protection mask for head, face, ear, throat and neck protection
Code: HSMA013KA-3



Lens for Bochum Goggles

- Composite safety glass, size 50mm diameter
 - Available in a range of finishes and colours
 - Fits with Bochum Goggles, see above
-
- EN 166 & EN 171
 - Codes: wide variety of finishes and colours are available, please enquire about your specific requirements.





Complete protection for Forced Ventilation Helmet Systems

- Available to fit most leading brands of extraction helmets - eg 3M, Scott, Drager. Please contact our sales office to discuss your specific requirements.
- Protection for hose is endless, with no Velcro fastener.
- Protection for pump/filter units
- Preox-Aramid aluminised high vacuum lightweight fabric, 260g/m² (KA-1)
-
- CE, EN ISO 11612
-





EN 1486

GoodPro® HR2 FireFly Fire Proximity Suit - Gentex® fabric

- This special reflective aluminised clothing gives protection against radiant heat and flame, suitable for firefighting and work in environments with extreme heat risks; mainly for indoor use.
- Every suit is supplied with special protective gloves with silicone coated palm, and aluminized heat resistant shoe covers.
- The suit has a multi-layer construction , including Gentex Dual Mirror outer, a PUF_R membrane, and heat resistant lining.
- The hood is equipped with a panoramic safety gold-coated reflective glass visor against radiant heat.
- The sleeves are manufactured with adjustable wrists and inner cuffs.
- The double safety enclosure (Velcro and zip) is extended from the knee up to the hood which enables an easy manipulation.
- The overall is easy to put on with front, back and leg zips
- The detachable hood has sufficient space for a firefighter helmet and breathing mask.
- The suit is supplied in a special holdall.
- One size only. The special construction enables an easy adjustment to any size needed.

- CE, DIN EN 1486:2007 Cat 3
- Outer shell: 100% para-aramid with double aluminized coating, Gentex Dual Mirror 300 g/m², weave RipStop
- Membrane: PUF_R membrane
- Insulation: 100% meta-aramid felt 380 g/m², 100% meta-aramid 110 g/m², RipStop

• Code: GP1401 **GoodPRO**® **GENTEX**®
good protection

GoodPro® HR2 FireFly Fire Proximity Suit - Lenzing FR® insulation

- This special reflective aluminised clothing gives protection against radiant heat and flame, suitable for firefighting and work in environments with extreme heat risks; mainly for indoor use.
- Every suit is supplied with special protective gloves with silicone coated palm, and aluminized heat resistant shoe covers.
- The suit has a multi-layer construction , including an aluminised aramid outer and a heat resistant lining incorporating Lenzing FR®.
- The hood is equipped with a panoramic safety gold-coated reflective glass visor against radiant heat.
- The sleeves are manufactured with adjustable wrists and inner cuffs.
- The double safety enclosure (Velcro and zip) is extended from the knee up to the hood which enables an easy manipulation.
- The overall is easy to put on with front, back and leg zips
- The detachable hood has sufficient space for a firefighter helmet and breathing mask.
- The suit is supplied in a special holdall.
- One size only. The special construction enables an easy adjustment to any size needed.

- CE, DIN EN 1486:2007 Cat 3
- Outer shell: 100% aramid with aluminized coating, REX 370 g/m², weave twill
- Insulation: felt: 50% aramid 50% Lenzing FR® 520 g/m²
50% aramid 50% Lenzing FR® 100 g/m²

• Code: GP1801 **GoodPRO**® **Lenzing FR**®
good protection THE HEAT PROTECTION FIBER



EN 1486



COVAL® SPLIT LEATHER JACKET

- Protective jacket in 1.4mm natural split leather.
- Velcro and press stud front closure.
- Long sleeves.
- Stand up collar
- All stitching in Kevlar thread.

- Available in sizes: M - 3XL
- Standard colour: Grey

- EN ISO 11611:2015 A1+A2 Class 2
- Code: V3CR



EN ISO 11611:2015



COVAL® FULL GRAIN LEATHER JACKET

- Protective jacket in 1.1mm full grain leather.
- Velcro and press stud front closure.
- Long sleeves.
- Stand up collar
- All stitching in Kevlar thread.

- Available in sizes: M - 3XL
- Standard colour: Yellow

- EN ISO 11611:2015 A1+A2 Class 2
- Code: V3FG



EN ISO 11611:2015





EN ISO 11611:2015

Split Leather Welding Apron

- Premium quality welding apron made of split cowhide with Kevlar™ stitching. 91cm x 58cm
 - Protects the torso and upper legs when welding; designed for use in the toughest environments.
 - Adjustable neck strap and quick release buckle ensure the apron is secure in use and a good fit.
 - Front pocket with Velcro fastening.
-
- CE, DIN EN ISO 11611 Class 2 A1
-
- Code: A590010



EN ISO 11611:2015

Split Leather Welding Apron

- Made with Split Cowhide leather for a premium finish.
 - Class 2 welding protection
 - Adjustable straps for a secure fit
 - Designed to be worn in a tough work environment, giving protection against any kind of welding, and mechanical hazards, such as cut and abrasion.
-
- EN ISO 11611 Class 2 (A1 + A2) & CE marked Cat II
-
- Code ICLCR
- Also available with an inner reinforcement patch of split leather 55cm x 25cm—Code ICL5CR



DIN EN ISO 11612

Para-Aramid Welding Apron with Sleeves & FR Cotton Back

- Made with 290g/m² Para-Aramid with 30 g/m² special coating: an innovative heat resistant fabric, lightweight and affording protection against glowing sparks.
 - Fire retardant cotton back.
 - Stand-up collar.
 - Leather fasteners on the back.
 - Central Velcro and press-studs closure externally covered by coated para-aramid fabric
 - Class 1 welding protection
-
- EN ISO 11611 Class 1 (A1) & CE marked Cat II
- Available in sizes: M, L, XL & XXL
 - Machine washable at 40°C, maximum 5 cycles. Air dry only.
-
- Code: ICV5XK





EN ISO 11611:2015

Split Leather Welding Sleeves

- Premium quality split leather welding sleeves
- Elasticated at both ends (40cm length sleeves) or wrist only (60cm length sleeves)
- Lengths: 40cm, 60cm
- EN ISO 11611:2015 CLASS 2 A1
- Codes: ICMCR40 (40cm length)
ICMCR60 (60cm length)



Split Leather Welding Sleeves



EN ISO 11611:2015

- Premium quality welding sleeves made of split cowhide with Kevlar™ stitching. 40cm long.
- Designed to protect the forearm and elbow in the toughest environment.
- The elasticated ends ensures maximum protection and a secure fit for welders.

- CE, DIN EN ISO 11611 Class 2 A1
- Code: A590020

Split Leather Knee Pads



- Split leather knee pads with 2cm padding
- Elastic straps with Velcro closure
- Can also be used as elbow protection.

- CE Cat I
- Code: ICKNEEPAD



Split Leather Gaiters



- Split leather gaiters with lateral Velcro closure and under-boot Velcro fastener

- Height: 30cm
- One size
- EN ISO 11611:2015 CLASS 2 A1+A2
- ICHCR30





Sebatan® leather 5-finger welding gloves

- Sewn with Kevlar® yarn
 - Sebatan® leather with cotton insulation
 - Does not become stiff when hot
 - Single-layer insulation gives protection up to 250° C
-
- Length 35cm
 - Sebatan® leather
 - EN 388 4 2 2 2 X
 - EN 407 4 2 3 X 4 X
-
- Code: H05L0035-SC (35cm length glove)



Tig Welding Gauntlet

- Grain leather glove
 - Split leather cuff
 - Unlined
 - Good dexterity
 - Lower arm protection
 - Kevlar Stitch
 - Azo free
-
- EN 388 2-1-2-1
 - EN 407 4-1-X-X-4-X
 - EN 12477 Class B
 - Tested against EN 1149
-
- Code: A420010



Tig Premium Welders Gauntlet

- Premium grain leather glove
 - Split leather cuff
 - Reinforced thumb crotch
 - Unlined
 - Good dexterity
 - Lower arm protection
 - Kevlar Stitching
 - Azo free
-
- EN 388 2-1-2-1
 - EN 407 4-1-X-X-4-X
 - EN 12477 Class B
 - Tested against EN 1149
-
- Code: A420020



Applicable Standards

EC Type Examination

With the EC declaration of conformity, the manufacturer confirms that a product placed on the market complies with the basic health and safety requirements of all relevant European directives.

The EC declaration of conformity is the basis for the CE marking of the corresponding product.

The EC Type examination certificate proves that a prototype satisfies the relevant provisions of the European Regulation (EU) 2016/425 Personal Protective Equipment.

EN ISO 11612:2015

EN ISO 11612 specifies that the wearer is protected against contact with a flame and against (a limited quantity) of convective and radiant heat, as well as against certain amounts of liquid aluminium and iron spatters. Performance levels are designated as follows:

Code letter A - limited flame spread

A1 • Flame exposure for 10 seconds

or

A2 • Edge flame exposure for 10 seconds

Code letter B - protection against convective heat

Time before the temperature increases by 24°C

[= 2nd degree burns] on the back of the fabric:

B1 • 4 - 9 seconds

B2 • 10 - 19 seconds

B3 • 20 seconds or more

Code letter C - protection against radiated heat

Time before the temperature increases by 24°C on the back of the fabric:

C1 • 7 - 19 seconds

C2 • 20 - 49 seconds

C3 • 50 - 94 seconds

C4 • 95 seconds or more

Code letter D - protection against liquid aluminium

Test with molten aluminium

D1 • 100 - 200 g

D2 • 201 - 350 g

D3 • 351 g or more

Code letter E - protection against liquid iron

Test with molten iron

E1 • 60 - 120 g

E2 • 121 - 200 g

E3 • 201 g or more

Code letter F - protection against contact heat

Test on protection against contact heat at a temperature of 250 °C

F1 • 5 - 9 seconds

F2 • 10 - 14 seconds

F3 • 15 seconds or more



Optional test: Code letter W - waterproofness

The test on protection against waterproofness governs the manner of determining the resistance to the penetration of water.

EN420, EN388, EN407

The European standard EN420:2003 defines the general requirements for protective gloves of all categories and specifies test methods and marking. A number of specific standards apply in conjunction with the basic standard EN 420:2003.

- The glove itself shall not be a risk to wear, or cause injuries to the user.
- The glove material shall have a pH value between 3.5 and 9.5.
- The Chromium VI level in the glove leather must stay at 2.9 mg/kg or below.
- If the glove contains any substances known to cause allergic reactions, it shall be stated in the product information.
- The glove sizes are standardized according to minimum length.

 <p>EN388:2016</p> <p>Mechanical Hazards</p> <p>A B C D E F</p>	 <p>EN407:2004</p> <p>Thermal Hazards</p> <p>A B C D E F</p>
<p>A - Abrasion resistance (score levels 1-4)</p> <p>B - Circular blade cut resistance (score levels 1-5)</p> <p>C - Tear resistance (score levels 1-4)</p> <p>D - Puncture resistance (score levels 1-4)</p> <p>E - Straight blade cut resistance (score levels A-F) (TDM Test ISO 13997:1999)</p> <p>F - Impact resistance (P denotes impact protection, where no P is shown no impact protection is claimed).</p> <p>In all instances X denotes not tested or not applicable</p>	<p>A - Resistance to flammability (score levels 1-4)</p> <p>B - Contact heat resistance (score levels 1-4)</p> <p>C - Convective heat resistance (score levels 1-4)</p> <p>D - Radiation heat resistance (score levels 1-4)</p> <p>E - Resistance to small splashes of molten metal (score levels 1-4)</p> <p>F - Resistance to large quantities of molten metal (score levels 1-4)</p>



Sizing Information

Aluminised clothing

SIZE CHART - Aluminised Jutec Clothing - Fits up to							
Size	Small	Medium	Large	XL	2XL	3XL	4XL
Euro size	46	50	54	58	62	66	70
Chest (cms)	96	104	112	120	130	140	152
Waist (cms)	82	90	98	104	117	129	141
Height	170 - 174	174 - 178	178 - 182	182 - 186	186 - 190	190 - 194	194 - 198
To fit up to (inches)							
Chest	38"	41"	44"	47"	51"	56"	60"
Waist	32"	35"	39"	41"	46"	50"	56"

Molten Splash clothing

SIZE CHART - Non-aluminised Metal Splash Clothing - Fits sizes												
Size	Small		Med		Large		XL		XXL		3XL	4XL
Euro Size	46	48	50	52	54	56	58	60	62	64	66	68
Chest (cms)	88-92		92-100		100-108		108-116		116-124		124-132	132-136
Waist (cms)	76-80	80-84	84-88	88-92	92-100	100-104	104-108	108-112	112-116	116-124	124-132	132-140
Inside leg (cms)	79	80	81	82	83	84	85	86	87	88	89	90
Height (cms)	170-176	170-176	176-182	176-182	176-182	182-188	182-188	182-188	182-194	182-194	182-194	182-194
Fits up to (inches)												
Chest	36"		41"		44"		47"		51"		56"	58"
Waist	32"	34"	35"	36"	39"	41"	43"	44"	46"	50"	53"	56"

Footwear size conversion chart

European size	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	52
UK equivalent	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15	16



Our Services

How to order

Orders can be placed by telephone, fax or e-mail with our sales team. Where possible, please quote your account number and for all orders placed we will require your address and telephone number. For all commercial orders we require an official order number or reference. Please state product code, size, colour and quantity for each item you wish to order.

Payment can be made on 30 day credit terms (subject to credit limit). We also accept all major credit and debit cards and PayPal.

Standard carriage is £8.00, although carriage is free on orders over £150.00 net goods value. Timed and Saturday deliveries may be available at additional cost. Carriage charges stated apply only to UK mainland and exclude Scottish Highlands, Islands, Channel Islands and Northern Ireland. Carriage will be charged at cost to all areas outside of the UK mainland.

Telephone: +44 (0) 845 643 4753

Fax: +44 (0) 845 643 4754

e-mail: sales@goldfreeze.co.uk

We can offer next day delivery on orders placed for stock items by 3.00pm

Returns

In the unlikely event that goods need to be returned to us, please contact our sales office, explaining the reasons for the return, and a returns number will be issued. When goods are found to be faulty or incorrectly dispatched a full credit will be issued once goods have been received at our warehouse. Where goods are returned or exchanged without fault a restocking fee of 15% plus standard carriage will be deducted from the credit.

All returns must be made quoting the returns number given.

Garments which have been personalised or manufactured to your special order cannot be returned.

Goldfreeze Ltd: an ISO 9001 Registered Company



ISO 9000 is a family of standards for quality management maintained by ISO, the International Organisation for Standards. The standard is administered locally by accreditation and certification bodies who

regularly undertake reviews and audits. As an ISO 9001 registered organisation we:

- Have a set of procedures that cover all key processes in the business and have monitoring processes to ensure they are effective.
- Keep adequate records - checking output for defects with appropriate and corrective action where necessary.
- Regularly review individual processes and the quality system itself for effectiveness.
- Above all, strive to facilitate continual improvement in everything we do.

Terms and Conditions of Sale

1. Customer means the persons specified on the order, account reference or invoice who have accepted our quotation either verbally or in writing
2. Seller means Goldfreeze Ltd.
3. Goods are sold at the Seller's price specified on the invoice or any quotation or order confirmation provided by the seller. Quotations are valid for thirty days and may be changed at any time by the Seller without notice.
4. There is a minimum order level of £40.00 on one order. There is a carriage charge of £8.00 on orders less than £150.00 net goods. Carriage charges stated apply to mainland UK and excludes Scottish Highlands and Islands, Northern Island, Channel Islands, etc. Carriage will be charged at cost to areas outside of mainland UK.
5. The customer is responsible for the accuracy of any order placed including sizing, colour and application of use of the goods.
6. All goods sold are subject to VAT where appropriate.
7. Account terms are 30 days from date of invoice.
8. Delivery shall be when goods are collected from the Seller or are delivered by the Seller or his carrier. Delivery times are approximate and for guidance only. Time for delivery shall not be of the essence.
9. Risk of damage to and any loss of the goods passes to the Customer on receipt of delivery.
10. Claims for damage or short delivery must be made to the Seller within three working days in writing, and should also be noted on the carrier's delivery sheet if applicable.
11. No unwanted goods may be returned without prior consent of the Seller. They must be returned in "as new" condition, including any packaging. Unwanted goods may only be returned within seven days of delivery. There will be a charge for returning unwanted goods.
12. Garments which have been personalised by embroidery or heat seal badging or made to the special order of the Customer cannot be returned.
13. Ownership of the goods remains with the Seller until payment has been received in cleared funds. Should payments be overdue for any reason, the Seller may (without prejudice to other remedies) recover and resell the goods.
14. The Seller reserves the right to change the specification of goods at any time without prior notice to the Customer.

This is an abbreviated version of our Terms & Conditions.

A complete copy is available on request. E&OE.



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Gold  **Freeze**[®]
The Extreme Temperature Specialists