

WE'RE PASSIONATE ABOUT OCCUPATIONAL SAFETY

WELD SHIELD

 **PLANAM**
Fashion for your profession

NOT A WHIFF OF DANGER WITH US

Welding work can quickly become a fire hazard. Our Weld Shield product range knows how to keep the dangers at bay.

Heat, liquid metal splashes, open flames — hot work operations require robust workwear. We're making a clear statement in the form of a matching collection for the challenges of welding work: Weld Shield, the heat and flame retardant special protection for you. The range and its host of protective features prevents further burning on contact with fire and is also antistatic. And what ensures the latter: an innovative carbon fibre grid. Additional UV protection and practical pockets round off the collection. When combined correctly, the garments in the range offer effective protection against flying sparks and the like.

EFFECTIVE SHIELD

Tricky situations? No problem!
PLANAM has the right range for you –
Weld Shield.

Our red hot collection keeps every hot hazard at bay – whether it's soldering, welding or working on an open flame. No chance of burning when in contact with fire thanks to a flame-retardant fabric and chemical finish. This is guaranteed by our EN ISO 11612 A1, B1, C1, E3, F1 and EN 1149-3 and EN 1149-5 certified collection. And, last but not least, pockets offer sufficient storage space and protection through protruding flaps.



Certified according to EN ISO 11612:2015 A1, B1, C1, E3, F1

Weld Shield Jacket

Heat-resistant, flame-retardant and antistatic material made of 84% cotton, 15% polyester and 1% carbon fibre.



Certified according to EN ISO 11611:2015 KI.1, A1








Certified according to EN 1149-5:2018

Overhanging flaps on the pockets of all garments
Protect the contents from welding beads and the like.

Robust material
Easy care and suitable for tumble drying



WELD SHIELD

WORKWEAR	
MATERIAL	84 % cotton, 15 % polyester, 1 % carbon fibres anti-static fibres, (weight approx. 365 g/m²) anti-static, flame-retardant finish
COLOURS	grey/black, royal blue/black
CLOTHING SIZES	Normal sizes 42 – 44 – 46 – 48 – 50 – 52 – 54 – 56 – 58 – 60 – 62 – 64 Slim sizes 90 – 94 – 98 – 102 – 106 – 110
CARE INSTRUCTIONS	    

APPLICATIONS

Different professions place different demands on workwear. We have provided a simple overview summarising the applications for which the Weld Shield range is suitable.



You can find more information about our range and its applications via the QR code or at www.planam.de/applications



Metal industry



Chemistry / Oil



Heat / Welding protection

WELD SHIELD

Jacket



The **protruding pocket flap** keeps contents safe



Protect your smartphone in the **mobile phone pocket**

EXTRAS

- + front closure with covered press studs
- + 2 chest pockets with flaps
- + 1 mobile phone pocket on the right
- + 2 side patch pockets with flaps

CLOTHING SIZES

Normal sizes

42 – 44 – 46 – 48 – 50 – 52 – 54 – 56 – 58 – 60 – 62 – 64

Slim sizes

90 – 94 – 98 – 102 – 106 – 110

CERTIFICATES AND STANDARDS



EN ISO 11611:2015
Cl. 1, A1



EN ISO 11612:2015
A1, B1, C1, E3, F1



EN 1149-5:2018



Note: Complete protection is only guaranteed when the clothing is worn as a suit.

 View this item from all angles under "Products" at planam.de

APPLICATIONS



COLOURS



5510

grey/black



5511

royal blue/black

WELD SHIELD

Trousers



 View this item from all angles under "Products" at planam.de

APPLICATIONS



The **elastic in the waistband** ensures greater freedom of movement



The trousers are opened and fastened using **buttons**



More space for **work tools** in the ruler pocket with flap

EXTRAS

- + button fly and waistband
- + waistband with 7 belt loops
- + elastic in the waistband
- + 2 vertical front pockets with press studs
- + 1 thigh pocket with flap on the left
- + 1 ruler pocket with flap on the right
- + 2 rear pockets with flaps

CLOTHING SIZES

Normal sizes

42 – 44 – 46 – 48 – 50 – 52 – 54 – 56 – 58 – 60 – 62 – 64

Slim sizes

90 – 94 – 98 – 102 – 106 – 110

CERTIFICATES AND STANDARDS



EN ISO 11611:2015
Cl. 1, A1



EN ISO 11612:2015
A1, B1, C1, E3, F1



EN 1149-5:2018



Note: Complete protection is only guaranteed when the clothing is worn as a suit.

COLOURS



5520
grey/black




5521
royal blue/black

WELD SHIELD

Dungarees



 View this item from all angles under "Products" at planam.de

APPLICATIONS



Important items remain secure in the **bib pocket**



Your tools are quick and easy to reach in the **Weld Shield thigh pocket**



Use the options for **adjusting the waistband** for customisable comfort

EXTRAS

- + waistband adjustment using buttons
- + elastic in the waistband
- + clip buckles
- + braces have elastic insert
- + bib pocket with flap
- + 2 vertical front pockets with press studs
- + 1 thigh pocket with flap
- + 1 ruler pocket with flap on the right
- + 2 rear pockets with flaps

CLOTHING SIZES

Normal sizes

42 – 44 – 46 – 48 – 50 – 52 – 54 – 56 – 58 – 60 – 62 – 64

Slim sizes

90 – 94 – 98 – 102 – 106 – 110

CERTIFICATES AND STANDARDS



EN ISO 11611:2015
Cl. 1, A1



EN ISO 11612:2015
A1, B1, C1, E3, F1



EN 1149-5:2018



Note: Complete protection is only guaranteed when the clothing is worn as a suit.

COLOURS



5530
grey/black



5531
royal blue/black

STANDARDS & CERTIFICATION



EN ISO 11611 – PROTECTIVE CLOTHING FOR WELDING AND RELATED PROCESSES

Clothing in accordance with EN ISO 11611 serves to protect individuals when they are carrying out welding work and associated procedures with comparable risks. This clothing protects the wearer against small metal splashes and weld beads, as well as against brief contact with flames and radiant heat from the electric arc. In standard welding conditions, it offers limited electrical insulation against DC voltage of up to approximately 100 V.

Standard EN ISO 11611 subdivides clothing into the following classes according to the protection it provides:

- Class 1 = Protection for less hazardous welding techniques and situations with low level spatter and low radiant heat
Class 2 = Protection for more hazardous welding techniques and situations with high levels of radiant heat



EN ISO 11612 CLOTHING GIVING PROTECTION AGAINST HEAT AND FLAMES

Protective clothing offering protection from brief contact with flames and at least one type of heat. The heat can be convective, radiant or caused by large splashes of molten metal – or caused by a combination of these. The requirements for limited flame spread must always be met.

- Code A1 – A2 = Protection against limited flame spread
Code B1 – B3 = Protection against convective heat
Code C1 – C4 = Protection against radiant heat
Code D1 – D = Molten aluminium splashes
Code E1 – E3 = Molten iron splashes
Code F1 – F3 = Contact heat



EN 1149-3 TEST METHODS FOR MEASUREMENT OF CHARGE DECAY

Measurement of the discharge of electrostatic charges from the surface of clothing materials. Charge decay = the transfer of a charge via or through a material, which results in a reduction in the charge density or the surface potential at the point the charge was located. Typical areas for use are fuel supply companies (e.g. gas, liquid fuels, fuels), the petrochemical industry, petrol stations, tank cleaning companies, etc.

Safe earthing, e.g. with conductive footwear (shoe resistance $\leq 10\text{ex}8$), is to be ensured. Full body coverage (including the clothing worn underneath) must not be removed in explosive areas. Always wear clothing fastened. Additional work-specific risk analyses are necessary where work in explosion zone 0 and involving gas/vapour and air mixtures in explosion group IIC is concerned.

EN 1149-5 PERFORMANCE REQUIREMENTS FOR ELECTROSTATIC PROPERTIES

This standard is part of a series of standards for testing methods and requirements for the electrostatic properties of protective clothing. It sets out the requirements for electrostatically conductive protective clothing to prevent discharges capable of igniting. In flammable atmospheres that are enriched with oxygen, the requirements may not be sufficient. This standard does not apply to protection against mains voltage.



UV PROTECTIVE CLOTHING WITH INTEGRATED SUN PROTECTION

The largest organ of the human body is the skin, and it is exposed to great danger in summer. UV rays from the sun can increase the risk of skin cancer. Standard textiles are radiolucent, providing insufficient protection.

PLANAM's UV-protective clothing gives guaranteed certified safety. Awarded UV protection certificates "PROTECT 80" and "PROTECT 40", this range guarantees maximum prevention. Just like for sunscreens, the figure indicates the protection factor for spending longer in the sun safely. Our PLANAM models allow the wearer to remain in the sun 80 or 40 times longer than those without protection. With their integrated sun protection factor, the finished garments provide the skin with optimum protection. Those with sensitive skin can stay in the sun longer without having to cover themselves in sunscreen. It is important to know the individual skin type in order to determine the individual's protection time (length of possible exposure to the sun without risk of skin damage). The UV protection factor specified (e.g. Protect 80) gives the factor by which the individual's protection time can be extended just by wearing these textiles.



PERSONALISATION IN NEXT TO NO TIME

Workwear is advertising space for your logo and acts like a business card for your company. Personalisation ensures a recognisable and positive company image. Our finishing service brings your message to a wider audience in a customised, professional and fast manner.

PLANAM Individual specialises in personalising your workwear. From reflective appliqués to transfer prints and embroidery, we offer multiple personalisation options of the highest quality. Whether you need small quantities for handicraft businesses or large runs for industrial companies – our team of experts are on hand to provide you with personal advice and detailed information about the optimal finishing types for our products. This also includes finishing options with methods specifically adapted to the certification requirements of certified protective clothing.



+49(0)5245-86060

**Individual logo,
individual support**
You can call us for advice
from Monday to Friday
between 8am and 5pm.

WELD SHIELD

MEN'S

Jacket	grey/black	5510
	royal blue/black	5511
Trousers	grey/black	5520
	royal blue/black	5521
Dungarees	grey/black	5530
	royal blue/black	5531



You can view interactive images of products from the Weld Shield range here:



MEDIUM Marken, Kommunikation, Beiefeld

Your PLANAM specialists

 **PLANAM**
Fashion for your profession