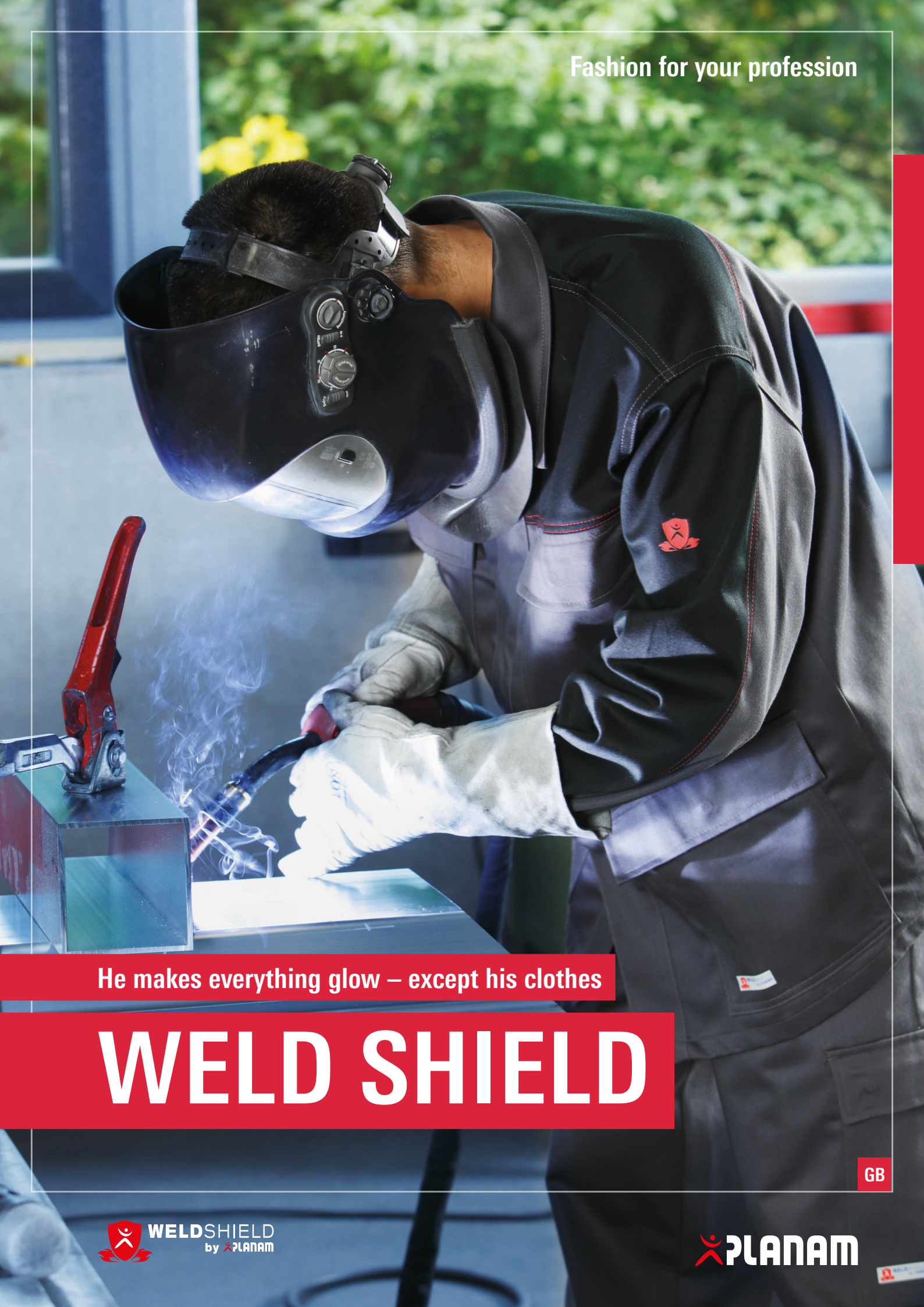


Fashion for your profession



He makes everything glow – except his clothes

# WELD SHIELD

GB

## WELD SHIELD






# SAFETY DURING HEATED WORK

When the sparks and little splashes of metal are flying, real craftsmen need one thing: protection. The right combination of PLANAM Weld Shield clothing ensures you have an invisible protective shield in front of you. The clever solution for heated work is a strong fabric with practical details.

The fabric used in the Weld Shield Collection is certified by the Saxon Textile Research Institute (STFI), and is made of a high quality blend of fabrics with anti-static fibres, which can withstand daily requirements, even after going through several wearing cycles. Tested in accordance with EN ISO 11611, EN ISO 11612, EN 1149-3 and EN1149-5, Weld Shield provides protection against small splashes of liquid metal, brief contact with flames and UV radiation. This high quality collection is robust, suitable for tumble drying and easy to look after. Practical pockets and other details ensure easy access to all the tools you need to complete your work.



# WELD SHIELD

<b>Material</b>	84 % cotton, 15 % polyester, 1 % carbon fibres anti-static fibres, (weight approx. 365 g/m <sup>2</sup> ) anti-static, flame-retardant finish
<b>Colours</b>	grey/black, royal blue/black
<b>Clothing sizes</b>	<b>Normal sizes</b> 42 – 44 – 46 – 48 – 50 – 52 – 54 56 – 58 – 60 – 62 – 64 <b>Slim sizes</b> 90 – 94 – 98 – 102 – 106 – 110
<b>Care instructions</b>	    



## Content

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# WELD SHIELD

## Jacket

# Extremely heat-resistant

Whether you're welding, soldering or working over an open flame. This jacket protects you in dangerous situations.

### 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

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

### 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



UV STANDARD 801  
UVS 000201 TESTEX




The **protruding pocket flap** keeps contents safe



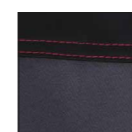
Protect your smartphone in the **mobile phone pocket**



 View this item from all angles under "Products" at [planam.de](http://planam.de)



### Colours



5510  
grey/black



5511  
royal blue/black

# WELD SHIELD

## Trousers

### Robust and spark-proof

When the sparks are flying, you stay safe thanks to Weld Shield. With their high quality fabric blend, these trousers ensure complete protection and the perfect fit.

#### 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

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

#### 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



UV STANDARD 801  
UVS 000281  
TESTEX



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




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



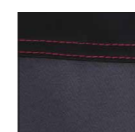
More space for **work tools** in the ruler pocket with flap



 View this item from all angles under "Products" at [planam.de](http://planam.de)



#### Colours



5520  
grey/black



5521  
royal blue/black

# WELD SHIELD

## Dungarees

### Complete protection from metal splashes

The Weld Shield Dungarees are your safe, reliable partner when working with metal splashes and flying sparks.

#### 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

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

#### 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



UV STANDARD 801  
UVS 000201 TESTEX



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



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

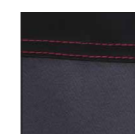


Use the options for **adjusting the waistband** for customisable comfort



360° View this item from all angles under "Products" at [planam.de](http://planam.de)

#### Colours



5530  
grey/black



5531  
royal blue/black

# STANDARDS & CERTIFICATION

## EN ISO 11611 – Protective clothing for welding and related processes



Clothing meeting EN ISO 11611 provides protection for someone welding or carrying out related processes with comparable risk. This clothing provides the wearer with protection from small splashes of molten metal and “welding beads”, brief contact with flames and radiant heat from an arc. Under normal welding conditions, it can provide a limited degree of electrical insulation against live electric conductors at voltages up to approximately 100V DC.

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. The wearer must be properly earthed, e.g. by wearing conductive footwear (shoe resistance <math><= 10\text{ex}8</math>) must be ensured. Clothing with full body coverage (including that worn under clothing), not to be taken off in potentially explosive areas. Clothing must always be worn closed. Any use in explosion zone 0 and for gas/vapour and air mixtures of explosion group IIC requires additional work-specific risk analysis.

## 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 safely spending longer in the sun. Our PLANAM models allow the wearer to remain in the sun 80 and 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's skin type in order to determine the individual's protection time (length of possible exposure to the sun without risk of skin damage). The stated UV protection factor (e.g. Protect 80) gives the factor by which the individual's protection time can be extended just by wearing these textiles.

# SERVICE

## The first impression is the key

The right work clothing is always a calling for your company and is also used as free advertising space with your logo. We bring your message to a wider audience – with the PLANAM finishing service.

### Infinite variety

There are thousands of variations and options to personalise the PLANAM products and create an individual design. Here we are showing you a small selection of what is possible, in order to inspire you and give you ideas. Please contact us for expert advice to find out which type of finishing fits most optimally with our products. You explain your requirements and we will make them happen in as short time as possible.

### Small order or large production runs

It doesn't matter whether it is a small trade business with 5 employees that needs to be equipped with CI Clothing or a large industrial company with several hundred employees. We can create up to 1000 emblems a day for you at the Herzbrock-Clarholz site.

### Finishing of Personal Protective Equipment (PPE)

It is particularly important in relation to the finishing of Personal Protective Equipment (PPE) that the type of finish added is specifically suited to the PPE type examination certificate and is recertified accordingly. Here to, PLANAM offers a multitude of certified options for attaching your company logo on the PPE.

For any modification to the PPE which is not recertified, the type-examination certificate will no longer be valid and the complete protection of the wearer can no longer be guaranteed.



Available in any colour and with vast design options for a size of max. 390 x 390 mm.



Special embroidery thread made from high-quality polyester guarantees long-term durability.



## Item overview

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





Your PLANAM specialists

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



MEDIUM Marken-Kommunikation-Bielefeld



Fashion for your profession