

Fashion for your profession

He's good with the heat – so are we

# HEAT/WELDING PROTECTION

GB

 **PLANAM**



HEAT/WELDING PROTECTION

# OPTIMAL PROTECTION FOR SPARK TAMERS











Heat, sparks, flames – some jobs are dangerous. In order to keep cool, you need a strong partner by your side. PLANAM heat and welding protection offers you all-round protection. Every day and for every job.

The PLANAM special collection is made from high-quality fabric blends, which are not affected by sparks or small splashes of molten metal. Brief contact with flames or radiated heat is also not a problem for the clothing. Each product in the collection is manufactured in accordance with EN ISO 11611, EN ISO 11612 standards, and also comes with a type approval certificate from STFI. Perfect craftsmanship, plenty of practical pockets, strict quality control and robust fabrics give you the protection you need.





# HEAT/WELDING PROTECTION

	360 g/m <sup>2</sup>	500 g/m <sup>2</sup>
Material	100 % cotton Diagonal twill (approx. 360 g/m <sup>2</sup> )	100 % cotton Twin pilot satin (approx. 500 g/m <sup>2</sup> )
Colours	royal blue, grey	royal blue, grey, navy
Clothing sizes	<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>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
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# HEAT/WELDING PROTECTION

Jacket 360 g/m<sup>2</sup>

## The all-purpose weapon for welding work

The 360 g/m<sup>2</sup> heat and welding protection jacket stands between you and the pilot light. The resistant fabric protects you in hazardous areas exposed to heat.

### Extras

- long fit
- turn-down collar
- covered press stud facing
- 1 chest pocket with flap and press stud
- 2 front pockets with flap and press stud
- 1 inner chest pocket

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  
KI. 1, A1



EN ISO 11612:2015  
A1, B1, C1



Everything is securely closed thanks to the **front closure with press studs**




Sleeves slipping down is no longer an issue thanks to the **option to adjust the sleeves**



Welding beads won't get lost in your pockets thanks to the **protruding pocket flaps**



 View this item in all available colours under "Products" at [planam.de](https://planam.de)

### Colours



1702  
royal blue  
360 g/m<sup>2</sup>



1709  
grey  
360 g/m<sup>2</sup>



# HEAT/WELDING PROTECTION

Trousers 360 g/m<sup>2</sup>

## Legs stay protected

The heat and welding protection trousers protect you when undertaking complex work with flames and heat.

### Extras

- 2 side pockets
- pocket in the side seam
- 1 pocket on the right leg with access from behind
- 1 rear pocket on the right with flap and button closure
- belt loops on the waistband
- button fly

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



Thanks to the **thigh pocket**, you will have everything you need to hand – even in precarious situations



Protected front and back: the **rear pocket with flap** prevents you from losing things



The **ruler pocket** allows you to pocket tools and equipment and carry them with you, safe in the knowledge that everything is secure



360° View this item in all available colours under "Products" at [planam.de](https://planam.de)

### Colours



1703  
royal blue  
360 g/m<sup>2</sup>



1710  
grey  
360 g/m<sup>2</sup>





# HEAT/WELDING PROTECTION

Dungarees 360 g/m<sup>2</sup>

## Protected from top to bottom

On your side during heated work: the comfortable waistband and high back ensure these dungarees are comfortable to wear.

### Extras

- 2 side pockets
- pocket in the side seam
- 1 pocket on the right leg with access from behind
- inner bib pocket with flap
- 2 fully elasticated braces with clip buckles
- dungarees are closed on the left side at the waistband using 2 buttons
- button fly

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



The **options for adjusting the waistband** also ensure the perfect fit



The **internal bib pocket** allows you to protect your valuables



360° View this item in all available colours under "Products" at [planam.de](https://planam.de)



### Colours



1704  
royal blue  
360 g/m<sup>2</sup>



1711  
grey  
360 g/m<sup>2</sup>

# HEAT/WELDING PROTECTION

Jacket 500 g/m<sup>2</sup>

## Enhanced protection

Thanks to the hard-wearing fabric with satin weave, this jacket, combined with the 500 g/m<sup>2</sup> trousers or dungarees, stands between you and hazards.



Overhanging pocket flaps protect against welding beads



Securely closed with the press stud facing on the front



The practical chest pocket ensures everything is easy to get to and well protected

### Extras

- long fit
- turn-down collar
- covered press stud facing
- 1 chest pocket with flap and press stud
- 2 front pockets with flap and press stud
- 1 inner chest pocket
- sleeves can be adjusted using press studs

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  
Kl. 2, A1



EN ISO 11612:2015  
A1, B1, C2, E2



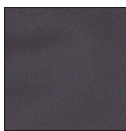
360° View this item in all available colours under "Products" at [planam.de](http://planam.de)



### Colours



1732  
royal blue  
500 g/m<sup>2</sup>



1742  
grey  
500 g/m<sup>2</sup>



1752  
navy  
500 g/m<sup>2</sup>

# HEAT/WELDING PROTECTION

Trousers 500 g/m<sup>2</sup>

Great protection in times of high exposure to heat

The combination of the 500 g/m<sup>2</sup> trousers with the corresponding jacket provides optimal all-round protection for when it gets really hot.

### Extras

- 2 side pockets
- pocket in the side seam
- 1 thigh pocket with flap on the left leg
- 1 ruler pocket with flap on the right leg
- 1 rear pocket with flap on the right leg
- flaps are fastened using press studs
- belt loops on the waistband
- button fly
- elastic fitting in the back of the waistband

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  
KI. 2, A1



EN ISO 11612:2015  
A1, B1, C2, E2



Greater freedom of movement thanks to the **elastic in the waistband**



Quickly reach into the practical **thigh pocket** and you'll have all important equipment to hand



Secure, practical and indispensable: **the practical ruler pocket**

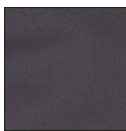


360° View this item in all available colours under "Products" at [planam.de](http://planam.de)

### Colours



1733  
royal blue  
500 g/m<sup>2</sup>



1743  
grey  
500 g/m<sup>2</sup>



1753  
navy  
500 g/m<sup>2</sup>





# HEAT/WELDING PROTECTION

Dungarees 500 g/m<sup>2</sup>

## Comfortable and safe

The 500 g/m<sup>2</sup> dungarees are your reliable partner in particularly dangerous situations. You remain protected from the outside, while also enjoying high-quality wearing comfort.

### Extras

- 1 side pocket on the left
- pocket in the side seam
- 1 thigh pocket with flap on the left leg
- 1 ruler pocket with flap on the right leg
- 1 rear pocket with flap on the right leg
- bib pocket with flap
- flaps are fastened using press studs
- button fly
- elastic fitting in the back of the waistband
- 2 fully elasticated braces with clip buckles

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  
KI. 2, A1



EN ISO 11612:2015  
A1, B1, C2, E2



Perfect fit thanks to **elastic** in the waistband



The **options for adjusting the waistband** mean the dungarees fit any size



The bib pocket with flap provides additional **storage space**



360° View this item in all available colours under "Products" at [planam.de](https://planam.de)



### Colours



1734  
royal blue  
500 g/m<sup>2</sup>



1744  
grey  
500 g/m<sup>2</sup>



1754  
navy  
500 g/m<sup>2</sup>





# BETWEEN FIRE AND ICE



# 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

## 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 Herzebrock-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

360 g/m <sup>2</sup>			500 g/m <sup>2</sup>		
Jacket 360 g/m <sup>2</sup>	royal blue	1702	Jacket	royal blue	1732
	grey	1709		grey	1742
				navy	1752
Trousers 360 g/m <sup>2</sup>	royal blue	1703	Trousers	royal blue	1733
	grey	1710		grey	1743
				navy	1753
Dungarees 360 g/m <sup>2</sup>	royal blue	1704	Dungarees	royal blue	1734
	grey	1711		grey	1744
				navy	1754





Your PLANAM specialists

You can view interactive images of products from  
the Heat/welding protection range here:



MEDIUM Marken-Kommunikation Bielefeld



Fashion for your profession