

Fashion for your profession

Impresses practically and visually

# NORIT

GB

 PLANAM



NORIT

# ROBUST YET LIGHT

The Norit range of work clothing is the perfect choice for those that not only want to be perfectly equipped on the construction site or in the production hall but also want to look good. The all-rounder range delights with its functionality and the perfect mix of being light, elastic and robust. So you can feel good at work.




The new PLANAM Norit trousers come in eight different colours and impress with their outstanding comfort. Light material and elastic inserts in the crotch and on the seat ensure a comfortable fit and give you optimum freedom of movement.

The PLANAM winter jackets in classic black are breathable, waterproof and windproof making them the perfect companion on cold days. Just like the Norit trousers, the warm jackets provide you with loads of space to store your things with their numerous pockets. The windproof PLANAM Norit Outdoor Softshell Blouson is the perfect choice when the seasons are starting to change. The reinforced trim on the elbows and shoulders guarantees robustness and creates a visual highlight.





NORIT

	Men's	Women's	Outdoor
Material	<p><b>Outer fabric</b> 65 % polyester, 35 % cotton, approx. 245 g/m<sup>2</sup></p> <p><b>Reinforcements</b> 100 % nylon, approx. 195 g/m<sup>2</sup></p> <p><b>Elastic insert</b> 95 % polyester, 5 % elastane, approx. 165 g/m<sup>2</sup></p>	<p><b>Outer fabric</b> 65 % polyester, 35 % cotton, approx. 245 g/m<sup>2</sup></p> <p><b>Reinforcements</b> 100 % nylon, approx. 195 g/m<sup>2</sup></p> <p><b>Elastic insert</b> 95 % polyester, 5 % elastane, approx. 165 g/m<sup>2</sup></p>	<p><b>Softshell blouson</b></p> <p><b>Outer shell</b> 100 % polyester TPU membrane, approx. 440 g/m<sup>2</sup></p> <p><b>Trimming fabric</b> 100 % polyester</p> <p><b>Lining</b> 100 % polyester</p> <p><b>Winter jacket</b></p> <p><b>Outer shell</b> 100 % polyester TPU membrane, approx. 245 g/m<sup>2</sup></p> <p><b>Padding</b> 100 % polyester</p> <p><b>Lining</b> 100 % polyester</p>
Design	Reflective appliqués	Reflective appliqués	Reflective piping (Winter jacket)
Colours	black/black slate/black royal blue/black sand/black green/black olive/black zinc/black red/black	black/black slate/black royal blue/black sand/black green/black olive/black zinc/black red/black	black
Clothing sizes	<p><b>Normal sizes</b> 42 – 44 – 46 – 48 – 50 – 52 – 54 – 56 – 58 – 60 – 62 – 64</p> <p><b>Slim sizes</b> 90 – 94 – 98 – 102 – 106 – 110</p> <p><b>Plus sizes</b> 24 – 25 – 26 – 27 – 28 – 29</p>	<p><b>Normal sizes</b> 34 – 36 – 38 – 40 – 42 – 44 – 46 – 48 – 50 – 52 – 54</p>	<p><b>International sizes</b> XS – S – M – L – XL – XXL – XXXL 4XL</p>
Care instructions			
Knee protection	certified knee protection in conjunction with a PLANAM knee pad (item no. 9901027)	certified knee protection in conjunction with a PLANAM knee pad (item no. 9901027)	

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# NORIT Men's trousers

## Light work trousers for optimum freedom of movement

Light material and elastic inserts in the crotch and on the seat ensure the perfect fit and give you the freedom of movement that you need. The light blended fabric is extremely easy to clean. The areas subject to the most wear are reinforced with nylon with a two-tone finish.

### Extras

- 2 pouch pockets
- 2 patch knee pockets which are opened from above
- double ruler pocket on the right with compartment for pens and fastening option
- 1 thigh pocket with flap and Velcro closure on left leg
- mobile phone pocket on the left with zip
- waistband with elastic insert on the seat
- elastic insert in the crotch
- 2 rear pockets
- zip fly
- waistband with 7 belt loops and jeans button
- reflective appliqués

### Clothing sizes

#### Normal sizes

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

#### Slim sizes

90 – 94 – 98 – 102 – 106 – 110

#### Plus sizes

24 – 25 – 26 – 27 – 28 – 29

### Certificates and standards



EN 14404 Type 2  
This item, in conjunction with a PLANAM knee pad (article number 9901027), is certified as knee protection according to EN 14404 Type 2, Level 1.



More space for **work tools** in the ruler pocket.



The **knee pockets** allow for the use of knee pads.



The **elastic fabric** in the crotch ensures you are very comfortable.



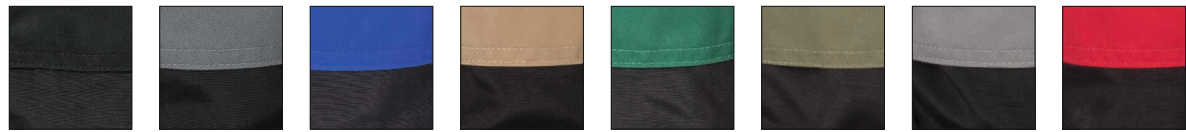
The **reflective strips underneath the knee pocket** emphasise the sporty design.



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



### Colours



6400 black/black  
6401 slate/black  
6402 royal blue/black  
6403 sand/black  
6404 green/black  
6405 olive/black  
6406 zinc/black  
6407 red/black



# NORIT Women's trousers

## Comfortable, feminine and light

Easy care blended fabric that is reinforced with nylon in the areas that suffer the most wear.  
The elastic inserts in the crotch and seat and visual high-lights created by the reflective appliqué make these the perfect work trousers.

### Extras

- 2 pouch pockets
- 2 patch knee pockets which are opened from above
- double ruler pocket on the right with compartment for pens and fastening option
- 1 thigh pocket with flap and Velcro closure on left leg
- mobile phone pocket on the left with zip
- waistband with elastic insert on the seat
- elastic insert in the crotch
- 2 rear pockets
- zip fly
- waistband with 7 belt loops and jeans button
- reflective appliqués

### Clothing sizes

Normal sizes  
34 – 36 – 38 – 40 – 42 – 44 – 46 – 48 – 50 – 52 – 54

### Certificates and standards



EN 14404 Type 2  
This item, in conjunction with a PLANAM knee pad (article number 9901027), is certified as knee protection according to EN 14404 Type 2, Level 1.



Always have your important tools to hand thanks to the **ruler pocket**.



The **knee pockets** allow for the use of knee pads.



The **elastic fabric** in the crotch ensures you are very comfortable.

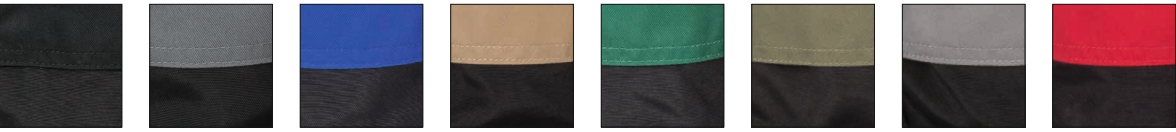


The **reflective strips underneath the knee pocket** emphasise the sporty design.



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

### Colours



6410 black/black  
6411 slate/black  
6412 royal blue/black  
6413 sand/black  
6414 green/black  
6415 olive/black  
6416 zinc/black  
6417 red/black



# NORIT Men's and women's trousers

## Variety of colours

The new PLANAM Norit trousers come in eight different colours. Reflective appliqué also creates visual highlights and emphasise the sporty design.









# NORIT OUTDOOR Softshell blouson

## Cool blouson for when the seasons change

The jacket for cooler temperatures in a discreet black is perfectly combined with any pair of Norit trousers. The reinforcement on the elbows and shoulders is a robust and visual highlight.



### Extras

- windproof
- water-repellent
- 2 side pockets with zip closure
- front zip
- ribbed cuffs and hem
- elbows and shoulders fitted with robust trim

### Clothing sizes

#### International sizes

XS – S – M – L – XL – XXL – XXXL – 4XL



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

### Colours



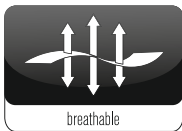
6420  
black



# NORIT OUTDOOR Men's Winter jacket

## Stylish all-rounder

The perfect outdoor jacket for work and leisure.  
The cool and subtle design impresses on first glance.  
The pleasant appearance of the outer material and the numerous pockets impress when you take a closer second look.



breathable



waterproof



windproof

### Extras

- breathable
- waterproof
- windproof
- glued seams
- 2 side pockets with zip closure
- 2 chest pockets with zip closure
- front zip
- hood can be rolled up into the collar and can be adjusted
- 1 inner pocket
- adjustable drawstring at the waist
- cuffs adjustable with Velcro
- fleece in the collar
- black reflective piping on the sleeves and back

### Clothing sizes

#### International sizes

XS – S – M – L – XL – XXL – XXXL – 4XL



The **reflective piping** on the shoulder highlights the dynamic look.

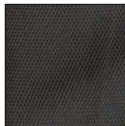


The structure of the material ensures that it is comfortable to wear and creates a stunning visual effect.



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

### Colours



6430  
black

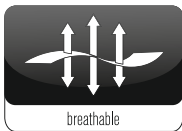




# NORIT OUTDOOR Women's Winter jacket

## Robust, chic and functional

The Norit Women's Winter Jacket was developed to match the Norit Women's Trousers. Everything a woman needs can be stored away in the numerous pockets. The jacket also keeps you perfectly warm and is breathable and waterproof.



When illuminated, the **reflective stripes on the shoulder** reflect light.

### Extras

- breathable
- waterproof
- windproof
- glued seams
- 2 side pockets with zip closure
- 2 chest pockets with zip closure
- front zip
- hood can be rolled up into the collar and can be adjusted
- 1 inner pocket
- adjustable drawstring at the waist
- cuffs adjustable with Velcro
- fleece in the collar
- black reflective piping on the sleeves and back




The structure of the material keeps moisture out and creates a fashionable highlight.

### Clothing sizes

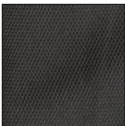
#### International sizes

XS – S – M – L – XL – XXL – XXXL – 4XL



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

### Colours



6440  
black





# STANDARDS & CERTIFICATION

## DIN EN 14404 Knee protection for workers kneeling down



Working in a kneeling position creates constant pressure on the knee. Knee protection is designed to distribute the forces produced evenly across it. In addition to this, it is designed to prevent injuries or damage caused by hard surfaces, small stones or similar objects lying on the ground. Knee protection is subdivided into 4 types:

- Type 1: Knee protection that is separate from clothing and fastened to the leg.
- Type 2: Pads inserted into pockets on trouser legs or permanently attached to the trousers
- Type 3: Equipment that is not attached to the body.
- Type 4: Knee protection forming part of a unit with additional functions.

In addition to this, there are two performance classifications:

- Level 1: The knee protection is suitable for even ground where there is no risk of objects over 1 cm in height.
- Level 2: The knee protection is for use in challenging conditions, for example when kneeling on stones in mines or quarries.

The PLANAM knee pad item no. 9901027 is certified as Type 2, Level 1 knee protection. This certification only applies in conjunction with PLANAM trousers, dungarees or overalls and cannot be transferred to other products.



The OEKO-TEX® Standard 100 is an independent testing and certification system for raw, intermediate and end products for textiles from all stages of processing. Examples of certifiable articles are raw and dyed/refined yarns, raw and dyed/refined woven and knitted fabrics, ready-made articles (garments of all types, home textiles, bedding, terry towelling, toys made of textiles and many others).

### Criteria

Tests for harmful substances cover:

- substances banned by law
- substances regulated by law
- chemicals that are known to be potentially harmful to health (but are not yet regulated by law)
- healthcare parameters

In their entirety, the requirements go well beyond existing national legislation.

### Why OEKO-TEX®?

The OEKO-TEX® Standard 100 was developed in the early 1990s as a response to the need of consumers and the general public for textiles that do not pose a risk to health. Negative headlines such as “Poisons in textiles” were widespread at the time, labelling all chemicals used in the production of textiles as negative and harmful to health.

Fashionable colours, easy care, long life and many other functional properties are demanded of textiles today and are, to some extent, and depending on their intended use (e.g. for professional and protective clothing), quite indispensable.

## 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 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.



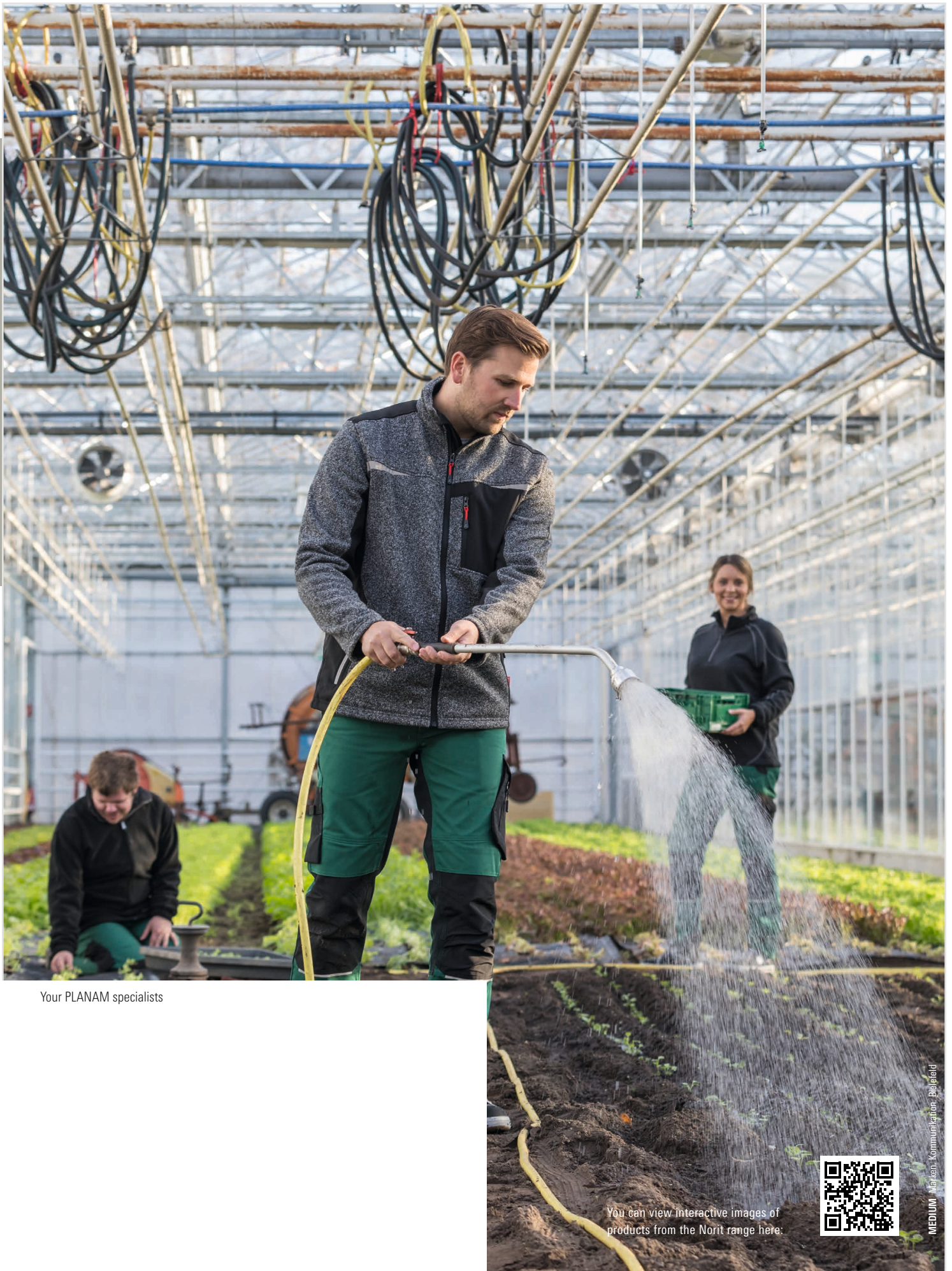
Special embroidery thread made from high-quality polyester guarantees long-term durability.



## Item overview

Men's trousers	black/black	6400
	slate/black	6401
	royal blue/black	6402
	sand/black	6403
	green/black	6404
	olive/black	6405
	zinc/black	6406
	red/black	6407
Women's trousers	black/black	6410
	slate/black	6411
	royal blue/black	6412
	sand/black	6413
	green/black	6414
	olive/black	6415
	zinc/black	6416
	red/black	6417
Outdoor Softshell blouson	black	6420
Outdoor Men's Winter jacket	black	6430
Outdoor Women's Winter jacket	black	6440





Your PLANAM specialists

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



MEDIUM - Marken-Kommunikation - Beispiel



Fashion for your profession



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 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

Material	84 % cotton, 15 % polyester, 1 % carbon fibres anti-static fibres, weight approx. 365 g/m <sup>2</sup> , anti-static, flame-retardant finish
Colours	grey/black royal blue/black
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
Care instructions	     max. 25 washes

## Content

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		Trousers	008	Service	014
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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

### 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  
Cl. 1 – A1



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



EN 1149-3  
EN 1149-5



UV STANDARD 801  
UVS 006201 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](https://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

### 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  
Cl. 1 – A1



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



EN 1149-3  
EN 1149-5



UV  
PROTECT  
80  
UVS 006201  
TESTEX



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



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



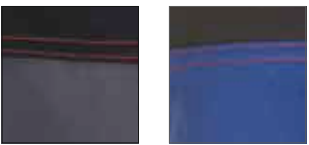
More space for **work tools** in the ruler pocket with flap.



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

### 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  
Cl. 1 – A1



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



EN 1149-3  
EN 1149-5



UV STANDARD 801  
UVS 006201 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](https://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 < = 10ex8) 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.

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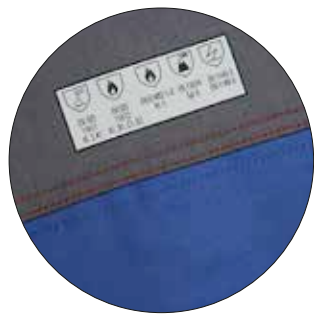
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Available in any colour and with vast design options for a size of max. 390 x 390 mm.



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



## Item overview

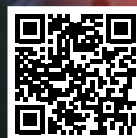
Jacket	grey/black	5510
	royal blue/black	5511
Trousers	grey/black	5520
	royal blue/black	5521
Dungarees	grey/black	5530
	royal blue/black	5531





Your PLANAM specialists

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



MEDIUM Marken-Kommunikation Beiefeld



Fashion for your profession