



Science.
Applied to Life.™



**Protective coveralls
for the metal industry**

3M™ Protective Coverall 4530



The 3M™ Protective Coverall 4530 is a PPE Directive, CE Category III, Type 5/6 protective garment, made from a breathable SMMS material technology and includes a host of comfort features. The material also has a flame resistance treatment, which allows the fabric to perform to ISO 14116 Index 1*.

Features and benefits:

- ▶ Excellent barrier against dry particles and certain limited liquid chemical splash (CE Type 5/6)
- ▶ Limited flame spread resistance to ISO 14116 Index 1/0 (material only)
- ▶ Highly breathable robust 54gsm SMMS material
- ▶ 3-panel elasticated hood for enhanced compatibility with complimentary PPE
- ▶ 2-way zipper with sealable storm flap for added on-off convenience and extra protection
- ▶ Knitted cuffs and elastic waist and ankles for a better fit and freedom of movement
- ▶ Enhanced triangular gusset panel
- ▶ Low-linting
- ▶ Anti-static treatment to EN 1149 to reduce charge build up
- ▶ Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
- ▶ Available in blue (with white triangle) and white




Typical applications

- ▶ Refractory maintenance
- ▶ Pot lining & repair
- ▶ Grinding & polishing
- ▶ Surface preparation (depending on chemicals used)
- ▶ Machine maintenance

3M™ Protective Coverall 4530 Type 5/6

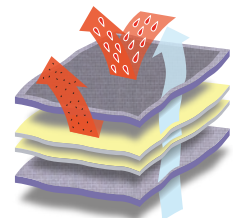
Colour: Blue with white back panel, and white CE Category III

Sizes: S-4XL (blue), M-2XL (white) 



Fabric material

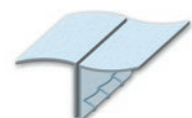
With 2 layers of Meltblown polypropylene in-between 2 layers of spun bond polypropylene the 3M protective coverall 4530 fabric allows airflow, increasing breathability, reducing heat stress and improving comfort. The melt blown layers act as a barrier while the The inner sponge like meltblown layers act as a barrier capturing particles whilst the outer sandwich layers of spunbond are smooth and low linting.



* The additional flame spread resistance enables the material to give limited flame spread protection (ISO 14116) when worn over an Index 2 or 3 garment. This may extend the life of the more expensive thermal protective garments.

Seam technology

Seams are serged providing Type 5/6 protection.



3M™ Protective Coverall 4535



If you're looking for a balance of protection, durability and breathable comfort, look no further than the 3M™ Protective Coverall 4535. Certified to PPE Directive Category III, Type 5/6 protection, it utilises a dual material design with added comfort features for optimal wearer comfort and PPE acceptance.

Features and benefits:

- ▶ Excellent barrier against dry particles and certain limited liquid chemical splash (CE Type 5/6)
- ▶ Main body of suit is made from a robust, super low-linting, microporous laminate material
- ▶ Extra large low-linting breathable back panel for improved breathability and reduced heat stress
- ▶ 2-way zipper with storm flap for added on-off convenience and extra protection
- ▶ Knitted cuffs with elasticated waist and ankles for increased comfort and freedom of movement
- ▶ Anti-static treatment to EN 1149 to reduce charge build up
- ▶ Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles



Typical applications

- ▶ Refractory maintenance
- ▶ Pot lining & repair
- ▶ Grinding and polishing
- ▶ Surface preparation (depending on chemicals used)

3M™ Protective Coverall 4535 Type 5/6

Colour: White with blue back panel

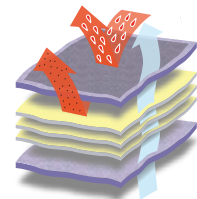
CE Category III

Sizes: S-3XL

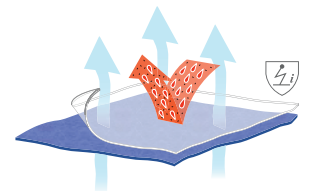


Fabric material

The front of the 3M protective coverall 4535 combines a high quality polyethylene laminate providing an excellent barrier, on top of a layer of soft, spunbond polypropylene fibres creating a robust, yet comfortable 60gsm protective fabric. The large blue back panel is made from 5 layers of spunbond and meltblown polypropylene giving excellent breathability, whilst maintaining the Type 5/6 level of protection.



SMMMS back-panel.



Microporous laminate fabric.

Seam technology

Seams are serged and bound providing Type 5/6 protection.



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