

3M Personal Safety Division  
3M™ Protective Coverall 4532+



# Breathable Comfort

## with Oil and Alcohol Resistance Treatment

The 3M™ Protective Coverall 4532+ range is made from a highly breathable and lightweight 5 layered SSMMS material, providing the wearer with CE Category III, Type 5/6 protection with specialist treatments providing anti-static protection and an enhanced liquid repellency.

The Power to Protect Your World™



# 4532+



## 3M™ Protective Coverall 4532+

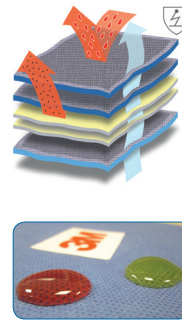
The 3M™ Protective Coverall 4532+ offers an excellent combination of breathable material comfort, with enhanced liquid and dust protection.

### Key Features

- Specialist coatings enable this product to be used in many applications not usually suitable for SMS-Based coveralls
- SSMMS material, see below
- 3-panel elasticated hood for enhanced compatibility with complimentary PPE
- Knitted cuffs and elasticated waist and ankles
- 2-way zipper for added convenience and a storm flap with full sealable tape for extra protection
- Enhanced and reinforced triangular gusset panel to increase product durability
- Anti-static treatment to EN 1149 to reduce charge build up
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles.
- Low linting material
- Available in blue (with a light blue triangle back panel) and Cool white

### Fabric material

The 3M protective coverall 4532+ is made using a 52gsm SSMMS, which consists of two outer layers of spunbond polypropylene (SS) encasing two layers of melt-blown polypropylene (MM) and a third layer of spunbond (S) on the underside. The fabric has been specifically designed to be durable whilst enabling air flow thereby reducing heat stress and enhancing wearer comfort. The middle 2 layers act as a filter to effectively protect against noxious dust and splash whilst the outer layers offer strength and increased liquid hold out from the alcohol and oil repellence treatment.



Unique treatment encourages the oil to bead rather than soak through.

### Application\*

#### Popular Choice





- Metal grinding and polishing
- Oil / greasy environments
- Painting and coating
- Cement manufacturing

#### Suitable for Consideration

- Light industrial cleaning
- Machine maintenance
- Pharmaceutical processing
- Handling toxic powders
- Resin applications

\*In all cases, a risk assessment should be carried out. Always read product user information. Use limitations and performance data should be considered to ascertain the protection required. If in doubt, contact a safety professional.

\*\*See user instructions or technical datasheets for full details.

	
Type 5 EN ISO 13982-1:2004 +A1:2010 Protective clothing for use against solid particulates	Type 6 EN 13034:2005 +A1:2009 Protective clothing against certain light liquid chemical splash
	
EN 1149-1: 2006 EN 1149-5: 2008 Anti-static protection	EN 1073-2: 2002 TIL Class 1 Protection against nuclear particles



**3M Personal Safety Division**  
**3M United Kingdom plc**  
3M Centre  
Cain Road, Bracknell  
Berkshire RG12 8HT  
Tel: 0870 60 800 60  
www.3M.com/PPESafetySolutions

Please recycle. Printed in the United Kingdom.  
© 3M 2014. All rights reserved.  
19288