



## 3M™ 4565 Protective Coverall

The 3M™ 4565 Protective Coverall is designed to help protect against: hazardous dusts (Type 5); certain light liquid splashes (Type 6) and certain light liquid sprays (Type 4).

### Key Features

- Excellent protection against dusts and certain liquid splashes and sprays
- Taped seams for additional protection
- Elasticated waist and ankles for convenience and freedom of movement
- Elasticated hood with three panel design
- Knitted cuffs for increased comfort
- Two-way zipper with sealable storm flap
- Offers protection against certain biohazards (see class data)
- Low linting

### Comfort and Protection



**Liquid Protection** Type 6 - Light Liquid Splashes  
(EN 13034:2005 + A1:2009)



**Liquid Protection** Type 4 - Liquid Spray  
(EN 14605:2005 + A1:2009)



**Dust Protection** Type 5 - Solid Airborne Particulates  
EN ISO 13982-1:2004



**Anti-static** Anti-static coating\* on both sides  
(EN 1149-5:2008)



**Nuclear** Radioactive particulates Class 2  
(EN 1073-2:2002 except EN863 puncture)



**Biohazard** Types 4-B, 5-B & 6-B - Infective Agents  
(EN 14126:2003 except ISO 16604)

\* All apparel must be suitably grounded for anti-static treatment to be effective.  
Does not offer protection against radiation.

### Approvals

CE approved under PPE Directive (89/686/ECC), Category III  
Article 10 Certification: BTTG Testing & Certification Ltd.  
Notified Body Number: 0338  
Article 11B Supervision: SGS United Kingdom Ltd.  
Notified Body Number: 0120

### Materials

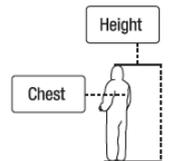
<b>Suit</b>	Polyethylene + Polyester / Polyethylene Laminate
<b>Zipper</b>	Metal / Nylon / Polyester Braid
<b>Elastic</b>	Neoprene rubber
<b>Cuffs</b>	Polyester
<b>Thread</b>	Polyester / cotton
<b>Tape</b>	Polypropylene, red

This product does not contain components made from natural rubber latex.

### Sizing

An appropriate size garment should be selected to allow sufficient movement for the task.

	Height		Chest	
<b>S</b>	64 – 67 in	164 – 170 cm	33 – 36 in	84 – 92 cm
<b>M</b>	66 – 69 in	167 – 176 cm	36 – 39 in	92 – 100 cm
<b>L</b>	69 – 71 in	174 – 181 cm	39 – 43 in	100 – 108 cm
<b>XL</b>	70 – 74 in	179 – 187 cm	43 – 45 in	108 – 115 cm
<b>XXL</b>	73 – 76 in	186 – 194 cm	45 – 49 in	115 – 124 cm
<b>3XL</b>	76 – 78 in	194 – 200 cm	49 – 52 in	124 – 132 cm
<b>4XL</b>	78 – 81 in	200 – 206 cm	52 – 55 in	132 – 140 cm



### Storage and Disposal

- Store in dry, clean conditions in original packaging, away from direct sunlight, sources of high temperature, and solvent vapours
- Store within the temperature range -20°C to +25°C (-4°F to +68°F) and with relative humidity below 80%
- Expected shelf life is three years from date of manufacture when stored as stated
- Replace garments if damaged, heavily contaminated or in accordance with local work practice or regulations
- Handle and dispose of contaminated garments with care and in accordance with applicable regulations

### Limited Use



Do not wash



Do not dry clean



Do not bleach



Flammable — keep away from sparks or flames



Do not iron



Single Use - do not re-use



Do not tumble dry

### Warnings and Limitations

**Before use read and understand all user instructions and be sure that the product is suitable for the application and fitted correctly. Product must never be altered or modified.**

Do not use for:

- Contact with heavy oils, sparks or flame, or combustible liquids;
- Environments with high mechanical risks (abrasions, tears, cuts);
- Contact with hazardous substances beyond Type 4/5/6 certification;
- Environments with conditions of excessive heat.

## Applications and Performance

<b>Non-Hazardous Particulates</b>	Yes	<b>Hazardous Dusts &amp; Fibres</b>	Yes
<b>Non-Hazardous Liquid Splash</b>	Yes	<b>Hazardous Liquid Splash</b>	Yes, if chemical is compatible with suit material†
<b>Non-Hazardous Liquid Spray</b>	Yes	<b>Hazardous Liquid Spray</b>	Yes, if chemical is compatible with suit material†
<b>Liquid Continuous Contact/ Immersion</b>	No	<b>Acids/Alkalis</b>	Yes, if chemical is compatible with suit material†
<b>Gases and Vapours</b>	No	<b>Organic Solvents</b>	Yes, if chemical is compatible with suit material†

† The chemicals against which the product has been tested and certified are listed in the user instructions. For additional chemical penetration data, please contact 3M on 0870 60 800 60 (UK) or 1 800 320 500 (Ireland).

Typical applications may include: asbestos handling, paint spraying, agriculture, pharmaceutical manufacturing, tank cleaning, healthcare and chemical mixing and handling. **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.**

The table below shows the performance of this product when tested under laboratory conditions. Please note that the tests may not reflect the reality of use and do not account for factors such as excessive heat and mechanical wear. Note: The maximum Class is 6 unless otherwise noted.

Test	Standard/ Test Method	Class/ Result
Abrasion resistance (visual assessment)	EN 530:1994	Class 1
Flex cracking (visual assessment)	ISO 7854:1995	Class 1
Tear resistance	ISO 9073-4 :1997	Class 1
Tensile strength	EN ISO 13934-1:1999	Class 1
Puncture resistance	EN 863:1995	Class 1
Burst resistance	EN ISO 13982-2:1999	Class 1
Resistance to ignition	EN 13274-4:2001	Pass
Resistance to blocking	EN 25978:1990	No Blocking
Seam strength	EN ISO 13935-2:1999	Class 2
Repellency to liquids – 30% H <sub>2</sub> SO <sub>4</sub>	EN ISO 6530:2005	Class 3 of 3
Liquid penetration resistance – 30% H <sub>2</sub> SO <sub>4</sub>	EN ISO 6530:2005	Class 3 of 3
Repellency to liquids – 10% NaOH	EN ISO 6530:2005	Class 3 of 3
Liquid penetration resistance – 10% NaOH	EN ISO 6530:2005	Class 3 of 3
Permeation 30% H <sub>2</sub> SO <sub>4</sub> – fabric & seam	EN374-3:2003	Class 6
Permeation 10% NaOH – fabric & seam	EN374-3:2003	Class 6
Anti-static coating on both sides	EN 1149-1:2006	Pass
Radioactive particulates (TIL)	EN 1073-2:2002	Class 2 of 3
Biological protection	EN 14126:2003	
Synthetic blood penetration resistance	ISO 16603:2004	Class 6 of 6
Blood-borne pathogen penetration resistance	ISO 16604:2004	Fail
Contaminated solid particle penetration resistance	ISO 22612:2005	Class 3 of 3
Contaminated liquid aerosol penetration resistance	ISO/DIS 22611:2003	Class 3 of 3
Wet bacteria penetration resistance	EN ISO 22610:2006	Class 6

### Important Notice

This guide is only an outline. It should not be used as the only means for selecting protective clothing. Before using any protective clothing, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed. If in doubt, contact a safety professional. Selection of the most appropriate PPE will depend on the particular situation and should only be made by a competent person knowledgeable of the actual working conditions and the limitations of PPE.

Final determination as to the suitability of these products for a particular situation is the employer's responsibility. This information is subject to revision at any time. Always read and follow all User Instructions supplied with your 3M™ Protective Coveralls in order to ensure correct operation. If you have questions contact 3M Technical Service.

LIMITATION OF LIABILITY: Except as provided above, 3M shall not be liable or responsible for any loss or damage, whether direct, indirect, incidental, special or consequential arising out of the sale, use or misuse of 3M OH&ESD products, or the user's inability to use such products.



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