

# **Body Protection**

The range of 3M™ Protective Apparel offers a variety of features, from the use of fabrics with specialist treatments for enhanced wear and added protection, to breathable back panels for increased comfort. Our experts can work closely with you, to help you identify hazards and best protect your workers against them.

Body Protection

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# **Protection Types**

Depending on the materials and construction, protective coveralls can be designed for either hazardous applications (certified to CE Category III) or non-hazardous applications. Products for hazardous applications can be tested and certified to any of six different "Type" standards, providing guidance on suitability of use.















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EN Pictogram	Protection Type*	Standard	4510	4515	4520CS	4532+	4535	4540+	4565	4570
	Type 5 - Particle Protection Suits providing protection against hazards dusts	EN ISO 13982-1:2004/A1:2010	<b>~</b>	<b>~</b>	~	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
	Type 6-Limited Liquid Spray Protection suits offering low-level protection against small liquid splashes and light mists	EN 13034:2005+A1:2009 EN ISO 17491-4:2024	<b>~</b>	~	~	~	~	~	<b>~</b>	<b>~</b>
	Type 4 - Liquid Spray Protection  Protection against liquid sprays, used for higher volume, longer duration or more hazardous liquid exposures than Type 6	EN 14605:2005+A1:2009 EN ISO 17491-3:2008							~	<b>~</b>
	Type 3 Liquid Jet Protection Suits providing the highest protection against hazardous liquids including pressurised liquids	EN 14605:2005+A1:2009 'EN ISO 17491-3:2008)								<b>~</b>

<sup>\*</sup>Table includes only the 4-protection type suits that 3M offers in Australia and New Zealand.

## **Additional Standards**

Some 3M™ Protective Coveralls and their materials are approved to additional standards for specialist applications.

EN Pictogram	P	rotection Type*	Standard	4510	4515	4520CS	4532+	4535	4540+	4565	4570
4.	Anti-static		EN 1149-5:2008	<b>✓</b>		~	~	~	~	<b>~</b>	<b>~</b>
	Nuclear Particle Protec	etion	EN 1073-2:2002	<b>~</b>	<b>~</b>	<b>~</b>	~	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
EN Pictogram	Protection Type*	Standard EN	14126:2003	4510	4515	4520CS	4532+	4535	4540+	4565	4570
		ISO 16603:2004 Assesses resistances to penetration (visual assessment)	under pressure by synthetic blood	~						~	~
		ISO 16604:2004 (Class 1 to 6)  Models resistance to viral penetration							✓ Class 6	Class 6	
	Infectious Agents Protection	ISO 22610:2005 (Class 1 to 6) Assesses resistances to wet bacterial contact	ssesses resistances to wet bacterial penetration during mechanical							✓ Class 6	Class 6
		ISO / DIS 22611:2003 (Class 1 to 3) Determines resistance to penetration		Class 1						✓ Class 3	Class 3

Class 3



Where added to the above symbols please refer to the appropriate user instructions for further information on the compliance of this product.

with spores

EN ISO 22612:2006 (Class 1 to 3)

Assesses resistance to dry microbial penetration using talc contaminated

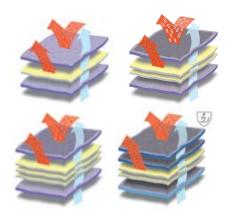
Class 3

Class 3

## Materials.

The 3M range of Protective Apparel offers a variety of features, from the use of fabrics with specialist treatments for enhanced wear and added protection, to breathable back panels for increased comfort.

	Breathability						Liquid	Resistance
		Partic		Liquid				Particle Liquid
			Splash	Type 6			Spray Type 4	Jet Type 3
	4515	4520CS	4532+	4535	4540+	4510	4565	4570
Materials	SMS	SMMMS	SSMMS Liquid repellency treatment (oil and alcohol resistance)	Microporous PE laminate (front) SMS (back)	Microporous PE laminate (front) SMS (back)	Microporous PE laminate	Non-microporous PE laminate	Multi-layer Non-microporous laminate



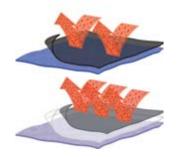
## Spunbond-meltblown polypropylene (SMS).

'SMS' can be layered differently to adjust the protective and physical properties of the material. Standard SMS-material is very breathable and offers a good barrier against dusts and limited liquid splashes. If treated, as 3M's Protective Coverall 4532+, an enhanced level of splash protection can be achieved.



## Microporous laminates.

'Microporous laminates' offer a higher level of liquid splash protection, while the micropores allow for some breathability.



## Non-microporous laminates.

'Non-microporous laminates' can offer an even higher level of liquid protection. Adding multiple layers of the laminate can also increase robustness and chemical hold.

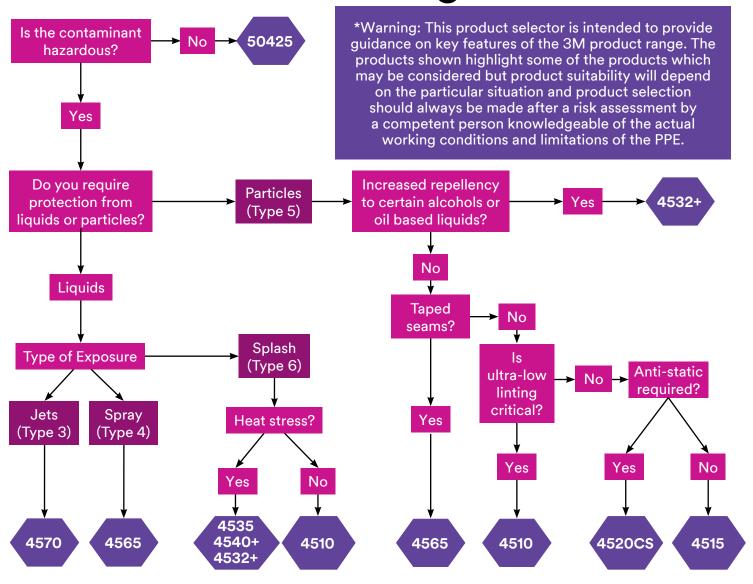
# Design features.

3M™ Protective Coveralls can offer a variety of features depending on your needs. The illustration below highlights some of the features available:

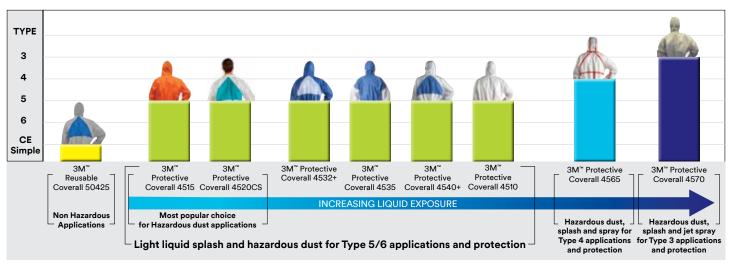




# Product selector diagram.\*



## **3M™ Protective Coveralls Protection Types**



This guide is only an outline. It should not be used as the only means for selecting protective clothing. Always read and follow all user instructions supplied with your 3M\* Protective Coveralls in order to ensure correct operation. Final determination as to the suitability of these products for a particular situation is the employers responsibility. If in doubt contact a safety professional. For further information on the performance data of these garments or for any other questions contact your local 3M representative. LIMITATION OF LIABILITY: Except as provided above, 3M shall not be liable or responsible for any loss or damage, whether direct, incidental, special or consequential arising out of the sale, use or misuse of 3M PSD products, or the user's nability to use such products.

## Product selector table.\*

								ALA
3M	4510	4515	4520CS	4532+	4535	4540+	4565	4570
CE Certification**	4.		4.	4.	4.	4.		
CE Certification**							4.	<u>4.</u>
							<b>\Delta</b>	
Material Weight	55gsm	50gsm	50gsm	52gsm	55gsm 43gsm (SMS panel)	55gsm 43gsm (SMS panel)	55gsm	92gsm
Size	M-3XL	M-3XL White/Orange M-4XL Blue	M-4XL	M-3XL	M-2XL	M-3XL	M-3XL	M-3XL
Colours	Â	<b>^</b>		Å	Å	Â	Å	Å
Light-duty cleaning, warehousing, janitorial		•						
Asbestos Inspection, site preparation, insulation	•			•	•	•	•	
Asbestos removal	•	•	•	•	•	•		
Cement manufacturing, metal grinding & polishing	•	•	•		•	•	•	
Light industrial cleaning, machine maintenance		•	•				•	
Pharmaceutical processing, handling toxic powders	•			•	•	•	•	
Painting & coating, resins				•			•	
Cleanrooms	•							
Pesticide spraying								•
Chemical mixing and handling							•	
Chemical spills, emergency response, decontamination, tank cleaning								•

<sup>■</sup> Most popular choice ■ Other Considerations based on risk assessment

<sup>\*</sup> In all cases, product selection should be based on a full risk assessment. 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. This guide is only an outline. It should not be used as the only means for selecting protective clothing. Details regarding performance and limitations are set out on the packaging and user instructions. 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 or 3M. Always check the compatibility of the suit material before selection. Please note that the personal protective equipment (PPE) shown highlight some of the products which may be considered. Sections of the most appropriate PPE will depend on the particular situation and should be made only by a competent person knowledgable of the actual working conditions and the limitations of PPE.

<sup>\*\*</sup> See user instructions or technical datasheets for full details.

**3M<sup>™</sup> Disposable Protective Coverall 4515, Type 5/6** 

The 3M™ Protective Coverall 4515 is an economic solution to help protect from hazardous dusts such as asbestos fibres exposed to during site inspection. While protecting on the outside, the breathable material allows air to escape from the inside to reduce heat build-up and discomfort. Available in white, blue and orange, the range is certified as CE Type 5/6 for both hazardous dusts and limited liquid splashes.



- Excellent barrier against dry particles and limited liquid splash (CE Type 5/6)
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
- Robust, highly breathable 50gsm SMS material
- 2-way zipper with storm flap for added on-off convenience and extra protection
- Elastic cuffs, waist and ankles for a better fit and freedom of movement
- Low-linting
- Available in white, blue and orange

## Typical Applications

## **Popular Choice**

- Asbestos inspection
- Site preparation, insulation
- Construction

## Other Considerations based on Risk Assessment

- · Cement manufacturing
- Grinding & polishing
- · Light industrial cleaning
- Machine maintenance





3M™ Protective Coverall 4515 Type 5/6

Colour: White, blue and orange

Sizes: M-3XL (White/Orange)







#### **Fabric material**

The material used in the 3M protective coverall 4515 sandwiches a single thick filtering layer of melt-blown polypropylene between two thinner layers of softer spun bond polypropylene delivering a finished durable, breathable 50gsm protective material that aides air flow to reduce heat stress and improve comfort.



Seam Technology

Seams are serged for Type 5/6 protection.



Availability					
SAPID	Legacy ID	AUS	NZ	Model #	Description
7000089612	GT700000224	•	•	4515	3M™ Disposable Protective Coverall 4515-M, White, Type 5/6, 20 Ea/Case
7000089613	GT700000232	•	•	4515	3M™ Disposable Protective Coverall 4515-L White, Type 5/6, 20 EA/Case
7000089614	GT700000240	•	•	4515	3M™ Disposable Protective Coverall 4515-XL White, Type 5/6, 20 EA/Case
7000089615	GT700000257	•	•	4515	3M™ Disposable Protective Coverall 4515-2XL White, Type 5/6, 20 EA/Case
7000089616	GT700000265	•	•	4515	3M <sup>™</sup> Disposable Protective Coverall 4515-3XL White, Type 5/6, 20 EA/Case
7000089633	GT700000430	•	•	4515	3M <sup>™</sup> Disposable Protective Coverall 4515, Medium, Orange, Type 5/6, 20 ea/Case
7000089634	GT700000448	•	•	4515	3M <sup>™</sup> Disposable Protective Coverall 4515, Large, Orange, Type 5/6, 20 ea/Case
7000089635	GT700000455	•	•	4515	3M™ Disposable Protective Coverall 4515, X-Large, Orange, Type 5/6, 20 ea/Case
7000089636	GT700000463	•	•	4515	3M™ Disposable Protective Coverall 4515, 2XL, Orange, Type 5/6, 20 ea/Case
7000089637	GT700000471	•	•	4515	3M™ Disposable Protective Coverall 4515, 3XL, Orange, Type 5/6, 20 ea/Case
7000089619	GT700000299	•	•	4515	3M™ Disposable Protective Coverall 4515, M, Blue, Type 5/6, 20 EA/Case
7000089620	GT700000307	•	•	4515	3M™ Disposable Protective Coverall 4515-L Blue, Type 5/6, 20 EA/Case
7000089621	GT700000315	•	•	4515	3M™ Disposable Protective Coverall 4515-XL Blue Type 5/6, 20 EA/Case
7000089622	GT700000323	•	•	4515	3M <sup>™</sup> Disposable Protective Coverall 4515, XXL, Blue, Type 5/6, 20 ea/Case
7000089623	GT700000331	•	•	4515	3M <sup>™</sup> Disposable Protective Coverall 4515-3XL-Blue, Type 5/6, 20 EA/Case
7000089624	GT700000349	•	•	4515	3M™ Disposable Protective Coverall 4515-4XL-Blue, Type 5/6, 20 EA/Case

## 3M<sup>™</sup> Protective Coverall 4520CS, Type 5/6

Made using the latest lightweight, breathable material technology 3M presents the 3M™ Protective Coverall 4520CS, a Type 5/6 protective garment.

## **Features and Benefits:**

- Excellent barrier against dry particles and limited liquid splash (CE Type 5/6)
- SMMMS material technology for reduced heat stress and breathable comfort all day
- Low-linting
- Extremely lightweight and comfortable compared to many certified coveralls available in the marketplace
- Knitted cuffs and elasticated waist and ankles for increased comfort and freedom of movement
- 2-way zipper with sealable tab on stormflap for added convenience and extra protection
- 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**

## **Popular Choice**

- Asbestos inspection
- Site preparation, insulation

## Other Considerations based on Risk Assessment

- Asbestos removal
- · Cement manufacturing
- Grinding & polishing
- Light industrial cleaning
- Machine maintenance
- Construction work
- Light paint spraying/powder coating



## 3M<sup>™</sup> Protective Coverall 4520CS Type 5/6

Colour: White with green back panel











#### **Latest Material Technology**

With 3 layers of melt-blown polypropylene in-between 2 layers of spunbound polypropylene, the 3M protective coverall 4520 fabric has been specifically designed to improve air flow and breathability, thereby reducing heat stress and enhancing comfort levels. The middle 3 layers act as a filter to effectively protect against hazardous dust and splash and the outer 2 layers offer strength and durability whilst maintaining a soft, comfortable feel.



Seam Technology

Seams are serged for Type 5/6 protection.





		Availa	bility		
SAPID	Legacy ID	AUS	NZ	Model #	Description
7000088931		•	•	4520CS	3M <sup>™</sup> Disposable Protective Coverall 4520CS-Black-M, Type 5/6, White, 25 EA/Case
7000088930		•	•	4520CS	3M™ Disposable Protective Coverall 4520CS-Black-L, Type 5/6, White, 25 EA/Case
7000088934		•	•	4520CS	3M <sup>™</sup> Disposable Protective Coverall 4520CS-Black-XL, Type 5/6, White, 25 EA/Case
7000088933		•	•	4520CS	3M <sup>™</sup> Disposable Protective Coverall 4520CS-Black-XXL, Type 5/6, White, 25 EA/Case
7000088928		•	•	4520CS	3M <sup>™</sup> Disposable Protective Coverall 4520CS-Black-3XL, Type 5/6, White, 25 EA/Case
7000088929		•	•	4520CS	3M <sup>™</sup> Disposable Protective Coverall 4520CS-Black-4XL, Type 5/6, White, 25 EA/Case

## **3M<sup>™</sup> Disposable Protective Coverall 4510, Type 5/6**

The 3M™ Protective Coverall 4510 is an economic solution which offers protection from hazardous dust and limited chemical splashes such as those from paint spraying. It is certified as CE Type 5/6 (dust and limited liquid splashes). The material is microporous, allowing air and moisture to escape from within the suit, while helping to protect from the hazard on the outside.

## **Features and Benefits:**

- Excellent barrier against dry particles and certain limited liquid chemical splash (CE Type 5/6)
- Laminated microporous material (55gsm)
- 2-way zipper with storm flap for added on-off convenience and extra protection
- Elastic cuffs, waist and ankles for a better fit and freedom of movement
- Ultra low-linting
- Anti-static treatment to EN 1149 to reduce charge build up (on inner surface)
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
- Biological protection tested to EN 14126

## Typical Applications

## **Popular Choice**

- · Light industrial cleaning
- Machine maintenance
- · Paint spraying & powder coating
- Coating & resin applications
- Crime scene investigation

## Other Considerations based on **Risk Assessment**

- Asbestos inspection and removal
- Site preparation, insulation.
- · Cement manufacturing
- Grinding & polishing
- Pharmaceutical processing &

#### handling toxic powders **Tech Data Sheet** Cleanrooms **Availability** SAPID Legacy ID Model # Description 7000089662 GT700000851 4510 3M™ Disposable Protective Coverall 4510-M, 5/6, 20 Bags/Case 7000089663 GT700000869 4510 3M™ Disposable Protective Coverall 4510-L White Type 5/6, 20 EA/Case 7000089664 GT700000877 3M™ Disposable Protective Coverall 4510-XL White Type 5/6, 20 EA/Case 7000089665 GT700000885 4510 3M™ Disposable Protective Coverall 4510-XXL White Type 5/6, 20 ea/Case 7000089666 GT700000893 3M<sup>™</sup> Disposable Protective Coverall 4510-3XL White Type 5/6, 20 EA/Case

## 3M™ Protective Coverall 4510 Type 5/6

Colour: White







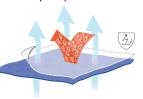






#### Fabric material

The anti-static treated 3M protective coverall 4510 material is made using a layer of soft, spunbond polypropylene and a layer of light, but high quality anti-static treated polyethylene laminate film giving good levels of barrier efficiency and protection.



### Seam Technology

Seams are serged for Type 5/6 and certain seams bound for





# 3M<sup>™</sup> Disposable Protective Coverall 4532+, Type 5/6

The 3M™ Protective Coverall 4532+ range is made from a highly breathable and lightweight 5 layered SSMMS material, providing the wearer with CE Type 5/6 protection with specialist treatments providing anti-static protection and an enhanced liquid repellency. Specialist coatings enable this product to be used in many applications not usually suitable for SMS Based coveralls.

## **Features and Benefits:**

- With treatment to help improve the repellency to certain oils and alcohols
- SSMMS material, see Fabric Material
- 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
- Available in blue (with a light blue triangle back panel)

## **Typical Applications**

## **Popular Choice**

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

## Other Considerations based on Risk Assessment

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



## 3M<sup>™</sup> Protective Coverall 4532+ Type 5/6

**Colour:** Blue with a light blue 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 lavers 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.

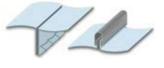




Unique treatment encourages the oil to bead rather than soak through.

## Seam Technology

Seams are serged for Type 5/6 and certain seams bound for extra protection.





		Availa	bility		
SAPID	Legacy ID	AUS	NZ	Model #	Description
7100015993	GT700058925	•	•	4532+	3M™ Disposable Protective Coverall 4532+, Medium, Blue, Type 5/6, 20 ea/Case
7100015994	GT700059014	•	•	4532+	3M <sup>™</sup> Disposable Protective Coverall 4532+, Large, Blue, Type 5/6, 20 ea/Case
7100015922	GT700059022	•	•	4532+	3M™ Disposable Protective Coverall 4532+, XL, Blue, Type 5/6, 20 ea/Case
7100016008	GT700058933	•	•	4532+	3M <sup>™</sup> Disposable Protective Coverall 4532+, 2XL, Blue, Type 5/6, 20 ea/Case
7100015996	GT700059055	•	•	4532+	3M™ Disposable Protective Coverall 4532+, 3XL, Blue, Type 5/6, 20 ea/Case

ID: 1005582

# 3M<sup>™</sup> Disposable Protective Coverall 4535, Type 5/6

The 3M™ Protective Coverall 4535 provides a superb balance of comfort and protection. Certified as CE Type 5/6 protection, it utilises a dual material design with added comfort features to optimise wearer acceptance.

## **Features and Benefits:**

- Excellent barrier against dry particles and certain limited liquid chemical splash (CE Type 5/6)
- Robust, ultra low-linting laminated microporous material
- Extra large breathable back panel for improved air circulation 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
- Low-linting
- Anti-static treatment to EN 1149 to reduce charge build up (on inner surface, white material only)
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles

## **Typical Applications**

## **Popular Choice**

- Coating & resin applications
- Light industrial cleaning
- Machine maintenance
- Paint spraying & powder coating
- Forensics

## Other Considerations based on Risk Assessment

- Asbestos inspection and removal
- Site preparation, insulation.
- Cement manufacturing
- Grinding & polishing
- Pharmaceutical processing and handling toxic powders



## 3M<sup>™</sup> Protective Coverall 4535 Type 5/6

Colour: White with blue back panel

Sizes: M-2XL





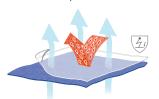


#### Fabric material

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 55gsm protective fabric. The large blue back panel is made from 5 layers of spunbond and meltblown polypropylene (43gsm for the SMS panel) giving excellent breathability, whilst maintaining the Type 5/6 level of protection.



SMMMS back-panel.



Microporous laminate fabric.

## Seam Technology

Seams are serged for Type 5/6 and certain seams bound for extra protection.





		Availa	bility		
SAPID	Legacy ID	AUS	NZ	Model #	Description
7100217011	XA100006791	•	•	4535	3M <sup>™</sup> Disposable Protective Coverall 4535, White & Blue Type 5/6, Medium, 20 ea/Case
7100217010	XA100006809	•	•	4535	3M™ Disposable Protective Coverall 4535, White & Blue Type 5/6, Large, 20 ea/Case
7100216848	XA100006817	•	•	4535	3M™ Disposable Protective Coverall 4535, White & Blue Type 5/6, Extra Large, 20 ea/Case
7100216889	XA100006825	•	•	4535	3M™ Disposable Protective Coverall 4535, White & Blue Type 5/6, 2XL, 20 ea/Case

## **3M<sup>™</sup> Disposable Protective** Coverall 4540+, Type 5/6

With premium dual material technology and offering CE Type 5/6 protection, the 3M™ Protective Coverall 4540+ is ideal for applications where both high levels of protective performance and comfort are desired

## **Features and Benefits:**

- Excellent barrier against dry particles and certain liquid chemical splash (CE Type 5/6)
- Soft and light, ultra low-linting laminated microporous material that drapes and hangs well over the body facilitating ease of movement
- Back panel made of breathable SMMMS material for improved air circulation and reduced heat stress
- 2-way zipper with fully sealable storm flap for added on-off convenience and extra protection
- · 3-panel hood design for enhanced compatability with complimentary PPE
- · Knitted cuffs and elasticated waist and ankles for increased comfort and freedom of movement
- Enhanced and reinforced triangular gusset panel to increase product durability
- Anti-static treatment to EN 1149 to reduce charge build up (on inner surface, white material only)
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
- Low linting

## **Typical Applications**

## **Popular Choice**

- · Paint spraying & powder coating
- Coating & resin applications
- · Light industrial cleaning
- Machine maintenance



## 3M™ Protective Coverall 4540+ Type 5/6

Colour: White with blue back











#### Fabric material

The 3M protective coverall 4540+ material is made using a composite layer of soft, spunbond fibres and a layer of light, but high quality polyethylene laminate film giving excellent levels of barrier efficiency and protection (55gsm). Compared with many other laminates it has a particularly soft feel and drapes well over the body The blue back panel (43gsm for the SMS 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 for Type 5/6 and certain seams bound for extra protection.



## Other Considerations based on Risk Assessment

- Asbestos inspection and removal
- Site preparation, insulation.
- Cement manufacturing
- Grinding & polishing
- Pharmaceutical processing and handling toxic powders



		Availa	bility		
SAPID	Legacy ID	AUS	NZ	Model #	Description
7100040087	UU001501566	•	•	4540+	3M™ Disposable Protective Coverall 4540+M, White/Blue Type 5/6, 20 Bags EA/Case
7100040416	UU001501574	•	•	4540+	3M™ Disposable Protective Coverall 4540+-L White/Blue Type 5/6, 20 EA/Case
7100040086	UU001501582	•	•	4540+	3M™ Disposable Protective Coverall 4540+-XL White/Blue Type 5/6, 20 EA/Case
7100036529	UU001501590	•	•	4540+	3M <sup>™</sup> Disposable Protective Coverall 4540+-XXL White/Blue Type 5/6, 20 EA/Case
7100041597	UU001501608	•	•	4540+	3M™ Disposable Protective Coverall 4540+-3XL White/Blue Type 5/6, 20 EA/Case

# 3M<sup>™</sup> Disposable Protective Coverall 4565, Type 4/5/6

Offering CE Type 4/5/6 protection, the 3M™ Protective Coverall 4565 has an impressive level of liquid barrier protection whilst maintaining its unique soft feel and well fitting drape. With tape applied over the seams a greater level of total protection and seam durability is offered versus Type 5/6 products.

## **Features and Benefits:**

- Excellent barrier against dry particles, liquid certain chemical splash and spray (CE Type 4/5/6)
- Taped seams across the suit for better protection and increased durability
- Soft, well-draping laminated material
- Biological protection tested to EN 14126
- 2-way zipper with fully sealable storm flap for added on-off convenience and extra protection
- 3-panel hood design for enhanced compatibility with complimentary PPE
- Knitted cuffs and elasticated waist and ankles for increased comfort and freedom of movement
- Anti-static treatment to EN 1149 to reduce charge build up
- Ultra low-linting
- Supplied in space saving vacuum packaging
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles

## **Typical Applications**

## **Popular Choice**

- Asbestos removal
- Pharmaceutical processing
- Handling toxic powders
- Cleanrooms
- Pesticide Spraying



## 3M<sup>™</sup> Protective Coverall 4565 Type 4/5/6

Colour: White with red taped seams









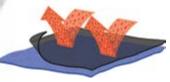






#### Fabric material

Lighter than previous 3M polyethylene laminate materials (55gsm), the 3M protective coverall 4565 combines a composite base of non woven fibres and a polyethylene film giving good barrier efficiency against many hazardous liquids. The laminate is also ultra-low linting and anti-static treated making it suitable for a wide variety of potentially hazardous applications.



## Seam Technology

Seams are stitched and overtaped with a red protective tape to offer increased seam strength and an effective barrier to liquids and particulates.



### Other Considerations based on Risk Assessment

- Asbestos inspection
- Site preparation, insulation
- · Cement manufacturing
- Grinding & polishing
- Industrial cleaning and maintenance
- Painting & coating, resins



Availability										
SAPID	Legacy ID	AUS	NZ	Model #	Description					
7100256062	XA100006940	•	•	4565	3M™ Disposable Protective Coverall 4565, White + Red, Type 4/5/6, M, 20 Each/Case					
7100256144	XA100006957	•	•	4565	3M™ Disposable Protective Coverall 4565, White + Red, Type 4/5/6, L, 20 Each/Case					
7100256143	XA100006965	•	•	4565	3M <sup>™</sup> Disposable Protective Coverall 4565, White + Red, Type 4/5/6, XL, 20 Each/Case					
7100256140	XA100006973	•	•	4565	3M <sup>™</sup> Disposable Protective Coverall 4565, White + Red, Type 4/5/6, 2XL, 20 Each/Case					
7000089685	GT700001172	•	•	4565	3M <sup>™</sup> Disposable Protective Coverall 4565, White + Red, Type 4/5/6, 3XL, 20 ea/Case					

# 3M<sup>™</sup> Disposable Protective Coverall 4570, Type 3/4/5/6

The 3M™ Protective Coverall 4570 is a high performance chemical protective suit, certified to Type 3/4/5/6 levels of protection, making it suitable to protect against a range of chemical jets, sprays and splashes. With additional design features including an enlarged zip and finger loops, a double-closing storm flap system and chin flap, convenience of use can be offered without compromising the high level of protection given.

## **Features and Benefits:**

- Excellent barrier for jet spray and liquid tight chemical protection (CE Type 3/4)
- Biological / infective agent protection maximum classes for EN 14126
- Seams are taped with a multi layer coextruded clear tape, giving a discreet finish and a consistent seal and barrier
- 3-panel hood design for enhanced compatibility with complimentary PPE
- Two stormflaps combined with double colour coded zips to create a double seal for added convenience and extra protection
- Large zip pull for ease of use
- Elasticated cuffs with thumb loops for secure fit during overhead work
- Elasticated waist and ankles for increased comfort and freedom of movement
- Glued in waist elastic and seam free shoulders to minimise entry points etc
- Adhesive chin flap
- Ultra low-linting
- Anti-static treatment to EN 1149 to reduce charge build up (on inner surface)
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles



## 3M<sup>™</sup> Protective Coverall 4570 Type 3/4/5/6

Colour: Grey













#### Fabric material

The 3M™ Protective Coverall 4570 uses a heavy-duty material blending a soft inner layer of spun bond fibres with multiple outer layers of a high performance anti-static treated polyethylene laminate, to offer a high level of liquid protection.



#### Seam Technology

Seams are stitched and overtaped with a clear heat applied multi-layer chemically protective tape to offer increased strength and an effective barrier to liquids and particulates.



## **Typical Applications**

## **Popular Choice**

- Chemical mixing and handling
- Chemical/oil spills and clean up
- Metal Refining
- Metal Etching
- Hazardous waste remediation
- Decontamination/Site Decommissioning
- Tank cleaning
- Infective agents/Biological Hazards
- Handling Toxic Powders

## Other Considerations based on Risk Assessment

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



		Availa	bility		
SAPID	Legacy ID	AUS	NZ	Model #	Description
7000089688	GT700001206	•	•	4570	3M <sup>™</sup> Chemical Protective Coverall 4570, M, Grey, Type 3/4/5/6, 12 EA/Case
7000089689	GT700001214	•	•	4570	3M <sup>™</sup> Chemical Protective Coverall 4570, L, Grey, Type 3/4/5/6, 12 EA/Case
7000089690	GT700001222	•	•	4570	3M <sup>™</sup> Chemical Protective Coverall 4570, XL, Grey, Type 3/4/5/6, 12 EA/Case
7000089691	GT700001230	•	•	4570	3M <sup>™</sup> Chemical Protective Coverall 4570, XXL, Grey, Type 3/4/5/6, 12 EA/Case
7000089692	GT700001248	•	•	4570	3M <sup>™</sup> Chemical Protective Coverall 4570, 3XL, Grey, Type 3/4/5/6, 12 EA/Case

## 3M™ Reusable Coverall 50425

The 3M™ Reusable Coverall 50425 provides user and garment protection in a wide variety of environments and situations. Extremely comfortable, it is made from a lightweight, breathable polyester. The coverall has wide leg openings with adjustable hook and loop straps around the ankle, making it easy to put on and remove, even when wearing boots.

## **Features and Benefits:**

- Two-piece hood with toggle for head protection & adjustable fit
- Robust, two-way zipper covered by a protective stormflap. Storm flap has hook & loop fasteners for a secure yet reusable closure
- Knitted cuffs for secure yet comfortable fit
- Three pockets, two on the front and one on the back
- Hook & Loop fasteners on ankles for an adjustable encapsulating fit
- Triangle acts as a vented back panel for extra comfort & reduced heat stress
- Front pockets provide easy twoway access to the wearer's clothes and pockets beneath the coverall
- Integrated knee pads offer users both added comfort and protection when working in a kneeling position
- Robust 67gsm material
- Anti-static treated material to prevent nuisance discharges
- Low-linting
- CE simple, suitable for non hazardous jobs such as spray painting with water based paints
- Available in grey with a blue triangular back panel
- Available in sizes Medium to 2XL

## Typical Applications

- Paint spraying (water based paint, non-hazardous)
- Dusting, sanding and polishing
- General body and mechanical work and preparation
- Cleaning and area maintenance



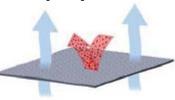
## 3M™ Reusable Coverall 50425

**Colour:** Grey and Blue CE Category I



#### Fabric material

The 3M reusable coverall 50245 is made from a breathable, comfortable yet robust polyester material. The woven fibres offer strength whilst the antistatic treatment minimises static discharge during wear.



Seam Technology

Seams are serged.













K	nee	en:	he	s

Hook & loop fastener Knitted Cuffs

Zipper

		Availa	bility		
SAPID	Legacy ID	AUS	NZ	Model #	Description
7000034318	GC801008068	•	•	50425	3M™ Reusable Coverall 50425, Grey/Blue, Category 1, Medium, 10 ea/Case
7000034319	GC801008076	•	•	50425	3M™ Reusable Coverall 50425, Grey/Blue, Category 1, Large, 10 ea/Case
7000034320	GC801008084	•	•	50425	3M <sup>™</sup> Reusable Coverall 50425, Grey/Blue, Category 1, X-Large, 10 ea/Case

## **Body Protection**

## 3M<sup>™</sup> Overboot 450

- Elastic at the calf
- Universal size with ties to help provide a good fit
- Laminated overboot suitable for protection against non hazardous dust and splash
- Made of the same 55gsm laminated material as used on the 3M protective coverall 4510
- Laminated material ties to minimise particle shed and contamination in controlled environments such as cleanrooms
- Anti-static treated
- 3M overboot 450 has a PVC slip reduction sole





		Availa	bility			
SAPID	Legacy ID	AUS	NZ	Model #	Description	
7000088638	GT500065005	•	•	450	3M <sup>™</sup> Disposable Overboot Covers 450, Universal Size, 100 pairs/Case	





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