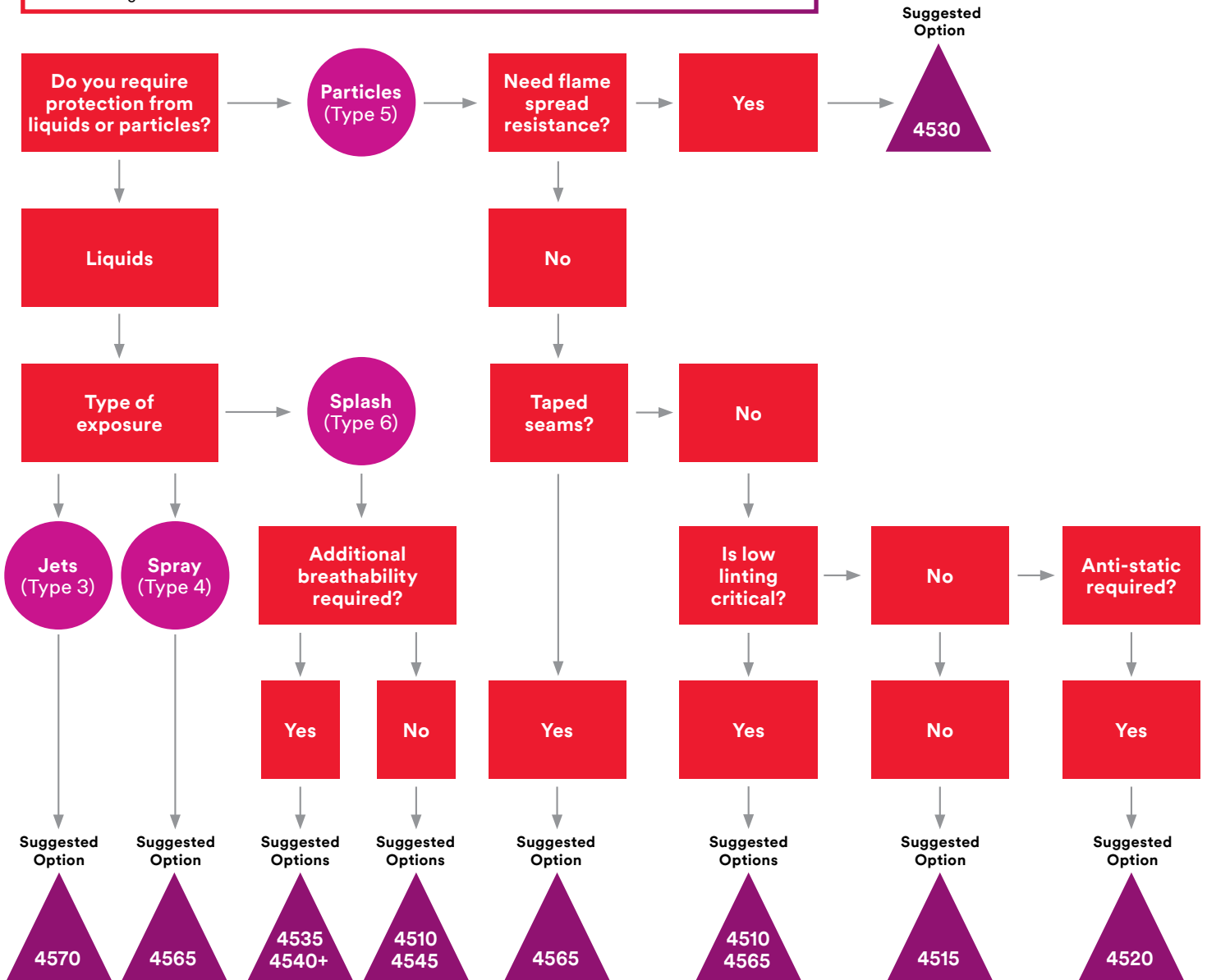


# Selection flow chart

**WARNING:** This product selector is intended to provide guidance on key features of the 3M product range. Product selection should always be made after a risk assessment by a competent person with knowledge of the actual working conditions and limitations of the PPE.



\*The fabric complies with ISO 14116:2008 for limited flamespread index 1 (must be worn over and index 2 or 3 garment and must not be worn next to skin).

**WARNING:** Cuffs and zipper are not flame resistant. Cuffs must be worn under gloves.

## Review Product Selection Guide

### Important Notice

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# Selection guide by application

● Suggested ○ Possible alternative

▶ Click on photos to view web content.



	4510	4515	4520	4530	4535	4540+	4545	4565	4570
Certification**	Limited Splash, Particle, Anti-static, Limited Micro-organism	Limited Splash, Particle	Limited Splash, Particle, Anti-static	Limited Splash, Particle, Anti-static	Limited Splash, Particle, Anti-static	Limited Splash, Particle, Anti-static	Limited Splash, Particle, Anti-static, Limited Micro-organism	Limited Splash, Particle, Spray, Anti-static, Limited Micro-organism	Limited Splash, Particle, Spray, Jet, Nuclear, Anti-static, Micro-organism
Material weight	1.38 oz/yd <sup>2</sup> (47gsm)	1.47 oz/yd <sup>2</sup> (50gsm)	1.26 oz/yd <sup>2</sup> (43gsm)	1.59 oz/yd <sup>2</sup> (54gsm)	1.62 oz/yd <sup>2</sup> (55gsm)	1.44 oz/yd <sup>2</sup> (49gsm)	1.44 oz/yd <sup>2</sup> (49gsm)	1.44 oz/yd <sup>2</sup> (49gsm)	2.71 oz/yd <sup>2</sup> (92gsm)
Sizes	M-4XL	M-4XL	M-4XL	M - 4XL	M - 4XL	M-4XL	M-4XL	M-4XL	S - 4XL
Colors									

▶ **Abatement/remediation**

Exposure to radioactive particles	○	○	○	●	○	○	○	○	●
Mold remediation/ mold spores	○	●	●	○	○	○	○	○	○
Asbestos inspection, site preparation	○	●	●	○	○	○	○	○	
Asbestos removal	○	○	○	○	○	○	○	●	

▶ **Agriculture**

Fertilizer application (dry/granular)	○	●	○	○	○	○	○		
Animal waste (solid)		○	○						
Pesticide spraying <sup>3</sup>					○			●	○

▶ **Emergency response/biohazard**

Bloodborne pathogens									●
Hazardous biological aerosol									●

▶ **Pharmaceutical/clean room**

Pharmaceutical processing	○		○	○	○	○	○	●	
Handling powders	○		○	○	○	○	○	●	
Clean rooms	○					○	●	●	

▶ **Painting**

Spray Painting	●			○	●	●	●	●	
Resin application	●			○	●	●	●	○	
Fiberglass application	●			○	●	●	●	○	

continues on back page >

\*\* See pages 4-5 for additional overview and technical data sheets at [3M.com/protectiveapparel](http://3M.com/protectiveapparel) for fuller specifications.

▶ Click on photos to view web content.



**Product Guide**  
(continued)

	4510	4515	4520	4530	4535	4540+	4545	4565	4570
<b>▶ Cleaning and maintenance</b>									
Dirt		●	○	○					
Machine or vehicle maintenance	○	○	○	●	○	○	○		
Light duty building maintenance	○	○	○						
Grease (general)	○	○	○	○	○	○	○		
Light duty warehousing, janitorial		●							
<b>▶ General industry</b>									
Electronics/circuit board assembly <sup>1</sup>			●	●					
Fiberglass/cellulose insulation installation	○	●	●	○	○	○	○	○	
Food processing	○	○	○		○	○	○		
General powder handling	○	●	○	○	○	○	○		
Lime handling		●	○	○					
Woodworking			●	●					
Non-hazardous aerosols (sprays)	○	○	○	○	●	○	○	○	
Non-hazardous liquids	○	○	○	○	●	○	○	○	
Non-hazardous solids		●	○						
Coal dust	○	●	○	○	○	○	○	○	
<b>▶ Oil &amp; gas/chemical</b>									
Maintenance (refinery)				●					
Tank cleaning								○	●
Chemical mixing and handling								○	●
<b>▶ Metal work</b>									
Metal grinding				●					
Welding in certain applications (worn over appropriate welding garment) <sup>2</sup>				●					

**Summary: Materials and design**

	White	White, blue	White	Blue	White with blue full back	White with blue triangle	White	White with red taped seams	Grey
<b>▶ Color options</b>	White	White, blue	White	Blue	White with blue full back	White with blue triangle	White	White with red taped seams	Grey
<b>▶ Suit material</b>	PE laminate	SMS	SMMMS	SMMS	PE laminate + SMMMS	BICO PE laminate + SMMMS	BICO PE laminate	BICO PE laminate	Multi-layer PE laminate
<b>▶ Fabric weight</b>	47 gsm	50 gsm	43 gsm	54 gsm	55 gsm	49 gsm	49 gsm	49 gsm	92 gsm
<b>▶ Coating</b>	Anti-static	None	Anti-static	Anti-static, FR	Anti-static	Anti-static	Anti-static	Anti-static	Anti-static
<b>▶ Storm flap</b>	Basic flap	Storm flap with tabs	Storm flap with tabs	Sealable flap	Basic flap	Sealable flap	Sealable flap	Sealable flap	Double flap, double zip
<b>▶ Cuffs</b>	Elastic	Elastic	Knitted	Knitted	Knitted	Knitted	Knitted	Knitted	Elastic + thumb loops
<b>▶ Reinforced gusset</b>	No	No	No	Yes	Yes	Yes	Yes	No	No
<b>▶ Hood design</b>	2-panel	2-panel	3-panel	3-panel	2-panel	3-panel	3-panel	3-panel	3-panel
<b>▶ Seams type</b>	Stitched & partially bound	Stitched	Stitched	Stitched	Stitched & partially bound	Stitched & partially bound	Stitched & partially bound	Taped	Taped

<sup>1</sup> For applications conducted in a controlled environment refer to "Cleanroom Applications".

<sup>2</sup> Material will melt when contacting spatter and hot surfaces.

<sup>3</sup> Refer to pesticide manufacturer's recommendations for appropriate level of liquid/particulate protection.

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