

# TECHNICAL DATA SHEET



## Chemsplash Cool Type 5 & 6 Coveralls

### DESCRIPTION

Type 5 & 6 coveralls are manufactured from microporous laminated front and breathable SMS back. The garment allows the skin to breathe more than a regular Type 5 & 6 garment. Ideal for more active tasks. Typical applications include laboratory, food processing, forensic science and medical.



### TECHNICAL SPECIFICATION

Material	67GSM Microporous Laminate Fabric 50GSM Breathable Low-Linting SMS Back Panel
Quantity	Carton of 25
Sizes	M L XL XXL
Test Standard	EN13982-1: TYPE 5 EN13034: TYPE 6 EN1149-5: ANTI-STATIC EN1073-2: RADIOACTIVE

### FEATURES

- Type 5 & 6 Certified Category III
- Anti Static to EN 1149-5
- Lint Free Microporous Material
- Breathable Fabric
- Knitted Cuffs
- Two Way Zip
- Self Adhesive Storm Flap Over Zip



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Performance of whole suit			
Test	Requirement	Result/Class/Conformity	
Resistance to liquid penetration–Spray test type 6 (EN ISO 17491-4 met. A– EN 13034)		Pass	
Resistance to aerosol penetration– Inward leakage type 5 (EN ISO 13982-2– EN ISO 13982)	IL $\leq$ 30%, TILS $\leq$ 15%	Pass	
Nominal protection factor (EN ISO 13982-2 – EN 1073-2)	TIL % 30, TIL $\wedge$ ,20 % Fpn 5	Class 1	
Practical performance tests (EN 1073-2)		Pass	
Seams: strength (EN 13935-2)	> 75 N	Class 3	
Performance of fabric			
Test	Requirement	Result/Class/Conformity	
Resistance to penetration to liquid (EN ISO 6530 – EN 13034)	Class 3: < 1% Class 2: < 5% Class 1: < 10%	H <sub>2</sub> SO <sub>4</sub> 30% NaOH 10% O-xylene: Butan-1-ol:	Class 3 Class 3 n.c. n.c.
Repellency to liquid (EN ISO 6530 – EN 13034)	Class 3: > 95% Class 2: > 90% Class 1: > 80	H <sub>2</sub> SO <sub>4</sub> 30% NaOH 10% O-xylene: Butan-1-ol:	Class 3 Class 3 n.c. n.c.
Abrasion Resistance (EN 530 – method 2)	Class 3 > 500 cycles Class 2 > 100 cycles	Class 3 (MP) Class 2(SMS)	
Trapezoidal tear resistance (EN ISO 9073-4 – EN 1073-2)	Class 3 > 20 N	Class 3 (MP) Class 3 (SMS)	

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Trapezoidal tear resistance (EN ISO 9073-4)	Class 2 > 20 N	Class 2 (MP) Class 2 (SMS)
Tensile strength (EN ISO 13934-1)	Class 1 > 30 N Class 2 > 60 N	Class 1 (MP) Class 2 (SMS)
Puncture resistance (EN 863 – EN 1073-2)	Class 2 > 10 N	Class 2 (MP) Class 2 (SMS)
Puncture resistance (EN 863 – EN 13034)	Class 2 > 10 N	Class 2 (MP) Class 2 (SMS)
Flex cracking resistance (EN 7854)	Class 6 > 100 000 c	Class 6 (MP) Class 6 (SMS)
Blocking resistance (EN 25978 – EN 1073-2)	Only on microporous fabric	Pass
Ignition and flammability (EN 13274-4 – EN 1073-2)		Pass
Electric surface resistance (ANSI/ESD STM 2.1:2013 – test condition EN 1149-1)	$\leq 2.5 \times 10$	Pass
<b>EN ISO 13688:2013</b>		
<b>Test</b>	<b>Requirement</b>	<b>Result/Class/Conformity</b>
pH (EN 340 – ISO 3071)	3.5 > pH > 9.5	Pass
Animes (EN340 – ISO 3071)		Pass