



chemsplash®

Xtreme SMS 50 Coverall

Type 5/6

Style Code: **2544**

The Chemsplash Xtreme SMS 50 is made from extremely breathable SMS fabric suitable for prolonged periods of use. Featuring an elasticated hood, cuffs and ankles, with a two way zip and an adhesive cover flap.

Its strong and robust properties provide a good chemical barrier especially to dry hazardous particles, whilst being extremely comfortable to wear offering the best value within our Cat III Type 5 & 6 range.

Features

- 50GSM Breathable SMS Fabric
- Elasticated Hood
- Elasticated Cuffs
- Elasticated Ankles
- Two Way Zip
- Adhesive Zip Flap
- Silicone Free

Suitable Applications

- Asbestos Related Work
- Handling Powders
- Food Processing
- General Maintenance
- Construction
- Agriculture

Colours Available

White
Blue
Red
Orange

Sizes in CMs

in compliance with EN340

Size	Height	Chest
S	165-172	80-92
M	167-176	92-100
L	174-181	100-108
XL	179-187	108-115
XXL	186-194	115-124
XXXL	193-201	124-128



EN13982-1



TYPE 5

EN13034



TYPE 6

EN1073-2



Radioactive Particles



Version available:
TAPED SEAMS
Style Code: 2590



Version available:
BOUND SEAMS
Style Code: 2793

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)	$IL_{aer} \leq 30\%$, $TIL_{aer} \leq 15\%$	Pass
Nominal protection factor (EN ISO 13982-2 - EN 1073-2)	$TIL_{aer} \leq 30$, $TIL_{liq} \leq 20$, $F_{pn} \leq 5$	Class 1
Practical performance tests (EN 1073-2)		Pass
Seams: strength (EN ISO 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: $< 1\%$	H ₂ SO ₄ 30%: class 3
	Class 2: $< 5\%$	NaOH 10%: class 3
	Class 1: $< 10\%$	o-xylene: n.a.
Repellency to liquid (EN ISO 6530 - EN 13034)	Class 3: $> 95\%$	H ₂ SO ₄ 30%: class 3
	Class 2: $> 90\%$	NaOH 10%: class 3
	Class 1: > 80	o-xylene: n.a.
Abrasion Resistance (EN 530 - method 2)	Class 2 > 100 cycles	Class 2
Trapezoidal tear resistance (EN ISO 9073-4)	Class 2 > 20 N	Class 2
Tensile strength (EN ISO 13934-1)	Class 1 > 60 N	Class 2
Puncture resistance (EN 863 - EN 13034)	Class 2 > 10 N	Class 2
Flex cracking resistance (EN 7854)	Class 6 > 100 000 c.	Class 6
EN ISO 13688-2013		
Test	Requirement	Result /Class/Conformity
pH (EN 340 - ISO 3071)	$3.5 > \text{pH} > 9.5$	Pass
Amines (EN 340 - ISO 3071)		Pass

Classification according to EN 14325