chemsplash
Cool 67

EN13982-1
TYPE 5

EN13034
TYPE 6

EN1149-5
Anti-static

EN1073-2
Radioactive Particles

Breathable Back Panel

chemsplash

Cool 67 Coverall

Type 5/6

Style Code: **2510**

The Chemsplash Cool 67 Coverall is made from white 67gsm microporous laminated fabric and a blue 50gsm SMS Breathable Back Panel.

This result is a Cat III Type 5 & 6 suit which offers the best combination of a high chemical splash and a hazardous particle barrier with much improved breathability and comfort. This suit includes a 3 piece hood, knitted cuffs, elasticated ankles, a two way zip, and an adhesive cover flap.

Chemsplash Cool 67 fabric is Anti-static to EN1149-5:2008 and non-linting, therefore ideal for use in wide ranging applications where the operating environment must not be contaminated with garment fibres.

Features

- 67GSM Microporous Laminate Fabric
- Breathable SMS Back Panel
- Three Piece Hood
- Knitted Cuffs
- Elasticated Ankles
- Two Way Zip
- Adhesive Zip Flap
- Latex and Silicone Free
- Non Linting
- Anti-Static

Suitable Applications

Automotive Paint Spraying
General Paint Spraying
Fibreglass Product Manufacturing
Pharmaceutical Product Manufacturing

Colours Available

White with Blue Back

Irradiated Version available on request

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

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)	$IL_{S(30)} \leq 30\%$, $TILS_{8\%} \leq 15\%$	Pass
Nominal protection factor (EN ISO 13982-2 – EN 1073-2)	TIL_s% 30, TIL_N% 20, Fpn 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% Class 2: < 5% Class 1: < 10%	H_2SO_4 30%: class 3 NaOH 10%: class 3 o-xilene: n.c. Butan-1-ol: n.c.
Repellency to liquid (EN ISO 6530 – EN 13034)	Class 3: > 95% Class 2: > 90% Class 1: > 80	H_2SO_4 30%: class 3 NaOH 10%: class 3 o-xilene: n.c. Butan-1-ol: 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)
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)	$\leq 2.5 \times 10^9$	Pass

EN ISO 13688:2013		
Test	**Requirement**	**Result /Class/Conformity**
pH (EN 340 – ISO 3071)	3.5 > pH > 9.5	Pass
Animes (EN340 - ISO 3071)		Pass

Classification according to EN 14325