



chemsplash® Pro +4 Coverall Type 4B/5B/6B

Style Code: **2767**

The Chemsplash Pro +4 is made from a 67gsm microporous laminated Cat III Type 4B, 5B & 6B fabric. All seams are taped offering a stronger more effective barrier to liquids and particulate.

Chemsplash Pro +4 fabric is both anti-static to EN1149-5: 2008 and is resistant to infectious agents to EN14126 Class 6, complying with the highest resistance to viral and bacterial infection. This suit is an ideal choice for pharmaceutical, cleanroom, semi-conductor manufacturing and infection contamination control.

Features

- 67GSM Microporous Laminate Fabric
- Fully Taped Seams
- Three Piece Hood
- Elasticated Cuffs with Thumb Loops
- Elasticated Hood, Back & Ankles
- Two Way Zip with Zip Flap
- Low Linting
- Anti Static

Suitable Applications

- Agriculture
- General Paint Spraying
- Pharmaceutical Industries
- Fibreglass Product Manufacturing
- Boat & Ship Building
- Mining

Colours Available

- White with Orange Taped Seams
- Blue Taped Seams also available for Special Order

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

EN14605

TYPE 4B

EN13982-1

TYPE 5B

EN13034

TYPE 6B

EN1073-2

Radioactive Particles

EN14126

Infective Agents

EN1149-5

Anti-static

Performance of whole suit		
Test	Requirement	Result /Class/Conformity
Resistance to liquid penetration - Spray test type 4 (EN ISO 17491-4 met. A - EN 14605)		Pass
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)	$IL_{min} \leq 30\%$, $TIL_{min} \leq 15\%$	Pass
Nominal protection factor (EN ISO 13982-2 - EN 1073-2)	$TIL_{2\%} \leq 3$, $TIL_{1\%} \leq 2$, $F_{pn} \leq 50$	Class 2
Practical performance tests (EN 1073-2)		Pass
Seams: permeation by liquids (EN ISO 6529 - EN14605)	Class 1: > 10 min	H ₂ SO ₄ 30%: Class 1
Seams: strength (EN ISO 13935-2)	Class 4: > 125 N	Class 4
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 ₂ SO ₄ 30%: class 3 NaOH 10%: class 3 o-xylene: class 3 Butan-1-ol: class 3
Repellency to liquid (EN ISO 6530 - EN 13034)	Class 3: > 95% Class 2: > 90% Class 1: > 80	H ₂ SO ₄ 30%: class 3 NaOH 10%: class 3 o-xylene: class 2 Butan-1-ol: class 3
Abrasion Resistance (EN 530 - method 2)	Class 3: > 500 cycles	Class 3
Trapezoidal tear resistance (EN ISO 9073-4 - EN 1073-2)	Class 3: > 20 N	Class 3
Trapezoidal tear resistance (EN ISO 9073-4)	Class 2: > 20 N	Class 2
Tensile strength (EN ISO 13934-1)	Class 1: > 30 N	Class 1
Puncture resistance (EN 863 - EN 1073-2)	Class 2: > 10 N	Class 2
Puncture resistance (EN 863 - EN 1073-2)	Class 2: > 10 N	Class 2
Flex cracking resistance (EN 7854)	Class 6: > 100 000 c.	Class 6
Permeation by liquids (EN ISO 6529 - EN 14605)	Class 1: > 10 min	H ₂ SO ₄ 30%: Class 1
Blocking resistance (EN 25978 - EN 1073-2)		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 14126:2003		
Test	Requirement	Result /Class/Conformity
Bursting strength (13938-1)	Class 3: >160 kPa	Class 3
Resistance to penetration by blood-borne pathogens - phi-x174 bacteriophage test - ISO 16603/16604	Class 4: 7 kPa	Class 4
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids - ISO 22610 (test microorganism: staphylococcus aureus)	Class 6: 1 > 75	Class 6
Resistance to penetration by contaminated liquid aerosols - ISO DIS 22611 (test microorganism: staphylococcus aureus)	Class 3: log > 5	Class 3
Resistance to penetration by contaminated solid particles - EN ISO 22612 (test microorganism: spores of Bacillus subtilis)	Class 3: ≤ 1	Class 3
EN ISO 13688:2013		
Test	Requirement	Result /Class/Conformity
pH (EN 340 - ISO 3071)	3.5 > pH > 9.5	Pass

Classification according to EN 14325