



chemsplash®

Eka 55 Coverall

Type 5B/6B

Style Code: **2511**

The Chemsplash Eka 55 Coverall is made from 55gsm microporous laminated fabric. It offers users a better value laminated Cat III Type 5/6 coverall for those applications where the suit isn't used for prolonged periods but where a high level of protection to liquid chemical splashes is still required.

This suit has an elasticated back, hood, cuffs & ankles, and an adhesive cover flap for additional sealing.

Chemsplash Eka 55 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

- 55GSM Microporous Laminate Fabric
- Elasticated Hood & Back
- Elasticated Cuffs
- Two Way Zip
- Adhesive Zip Flap
- Elasticated Ankles
- Latex & Silicone Free
- Non Linting
- Anti-Static

Suitable Applications

Pharmaceutical Industries
Agriculture
Cleanrooms

General Paint Spraying
Crime Scene Investigation
Veterinary Services

Colours Available

White

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

Irradiated Version:
Code: **2765**

EN13982-1



TYPE 5B

EN13034



TYPE 6B

EN1149-5



Anti-static

EN14126



Infective Agents

EN1073-2



Radioactive Particles

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 _{max} ≤ 30%, TIL _{50%} ≤ 15%	Pass
Nominal protection factor (EN ISO 13982-2 - EN 1073-2)	TIL _{50%} ≤ 30, TIL _{1%} ≤ 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 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 2 > 100 cycles	Class 2
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 13034)	Class 2 > 10 N	Class 2
Flex cracking resistance (EN 7854)	Class 6 > 100 000 c.	Class 6
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)	≤ 2.5 x 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 1: ≤ 15 min	Class 1
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