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Specification Sheet

chemsplash Cool 67



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 EN1149-5:2018 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
- 50GSM Breathable Low-Linting SMS Back Panel
- Three Piece Hood
- Low-Linting Knitted Cuffs
- Elasticated Ankles
- Two Way Zip
- Adhesive Zip Flap
- Latex and Silicone Free
- Non Linting Fabric
- Anti-Static

Suitable Applications

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

Colours Available

White with Blue Back

STERILE IRRADIATED

Sterile Irradiated Version available on request

Sizes in CMs

in compliance with EN340

Size	Height	Chest
S	162-167	82-92
M	167-172	92-102
L	172-177	102-112
XL	177-182	112-122
XXL	183-188	122-132
XXXL	188-193	132-142

EN13982-1 TYPE 5

EN13034 TYPE 6

EN 1149-5:2018 Anti-static

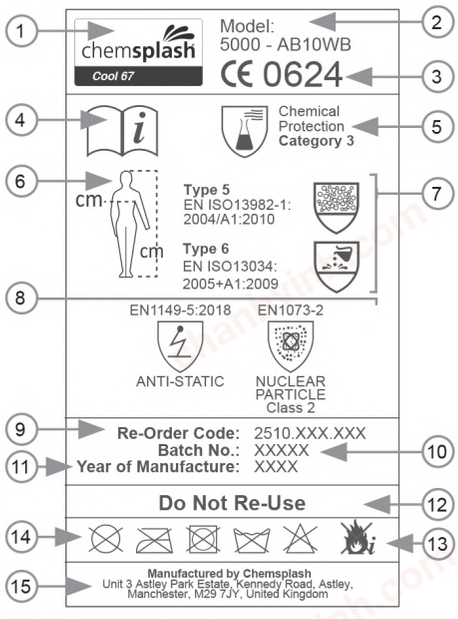
EN1073-2 NUCLEAR PARTICLE Class 2

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EN

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)	$IL_{82/90} \leq 30\%$, $TILS_{8/10} \leq 15\%$	Pass
Nominal protection factor (EN ISO 13982-2 – EN 1073-2)	TIL_E% 30, TIL_A% 20, Fpn 5	Class 1
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)	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 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)
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



Garment Inside Label Markings

1. Model Name – Chemsplash Chemcool 67
2. Model Identification – Model 5000-AB10WB
3. CE Marking – coverall complies with requirements for category III personal protective equipment according to European legislation. Type-test & certification was issued by Centrocot Tessile Cotoniero, 21052 Busto Arsizi (VA), P.ZZA Sant'Anna, 2, Italy
4. Indicates wearer should read the instructions for use
5. Indicates compliance with European Standards for chemical protective clothing
6. Sizing pictogram indicates to fit body measurements in sizes & correlation to letter code. Select the size to fit your body measurements
7. Full body protection "types" achieved by this coverall defined by the European standards for chemical protective clothing:
   EN ISO 13982-1:2004+A1:2010 (Type 5)
   EN 13034:2005+A1:2009 (Type 6)
8. Safety Standards:
   - Antistatic Protection (EN1149-5:2018)
   - Radioactive Contamination Protection (EN 1073-2:2002)
9. Re-Order Code
10. Batch Number
11. Year of manufacture
12. Do not re-use
13. Flammable material – keep away from fire
14. International care symbols:
15. Manufacturer's Name and Address

Sizes in cm - in compliance with EN340						
Size	**S**	**M**	**L**	**XL**	**2XL**	**3XL**
Height	162-167	167-172	172-177	177-182	183-188	188-193
Chest	82-92	92-102	102-112	112-122	122-132	132-142

Limitations
Exposition to certain chemicals or high concentrations may require higher barrier properties, either in terms of the performances of material or in the construction of the suit. Such areas can be protected by garments in type 1 to type 2. The user shall be the sole judge of the suitability for the type of protection required and the corrected combinations of coveralls and additional equipment.

Warnings

- Do not use if any defects is noticed (e.g. seam defects, faulty zip)
- Select the correct garment size
- Dressing correctly with a closed zip protected by the flap
- If necessary use additional devices with same characteristics (such as gloves, breathing apparatus, boots etc.) in order to provide for full body protection
- Coverall meets Ljmn, 82/90 ≤ 30% - Ls 8/10 ≤ 15%
- Wear for long periods of time can cause heat stress
- Heat stress and discomfort can be reduced or eliminated by using appropriate undergarments or suitable ventilation equipment
- In case of airborne solid particulates it is advisable to cover the zipper and to surround the extremity of the sleeves and the leggings with adhesive ribbon
- Coveralls are for single use only and must be disposed after any job
- If any breaking, punctures etc. occur, leave the working area and wear new coverall
- The person wearing the electrostatic dissipative protective clothing shall be properly earthed. The resistance between the person and the earth shall be less than 10^8 Ω e.g. by wearing adequate footwear
- Electrostatic dissipative protective clothing shall not be open or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances
- Electrostatic dissipative protective clothing shall not be used in oxygen enriched atmospheres without prior approval of responsible safety engineer

How to wear protective clothing
Remove the coveralls from its packaging, open the central zipper and wear. Fully close the zipper. In case of airborne solid particulates risk it is advisable to tape the zipper and protective gloves, tape the extremity of the sleeves and the leggings with adhesive ribbon, making sure that the sleeve covers the glove opening.

Storage and disposal
Garments can be stored in the original packaging in a dry place away from heat sources. Garments can be disposed of without harm to the environment. Restrictions to disposal result only from contamination during use. In this case dispose in compliance with applicable laws and regulations.

Donning and doffing
Take the coverall out of it's bag and give it a good shake to loosen it out. Remove your footwear. Lower the zip on the coverall so that both stoppers are at the bottom of the zip. Pull the coverall on, legs first. Pull it up over you arms and shoulders. Do not zip it up. Do a squat or sit action to expel any air from the suit. Zip the coverall up to the desired length using the top stopper only and then lock the stopper in place by clicking it downwards into the zip. Remove the adhesive tape strip & firmly stick down the adhesive flap over the zip. Replace your footwear.

Declaration of Conformity available at:
www.chemsplash.com