Specification Sheet

chemsplash
Cool 65

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Cool 65 Coverall

Type 5/6

TOP SELLER

Style Code: **2510**

The Chemsplash Cool 65 Coverall is made from white 65gsm microporous laminated fabric and a blue 55gsm 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 65 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.

Breathable Back Panel

Features

- 65GSM Microporous Laminate Fabric
- 55GSM Breathable SMS Back Panel
- Three Piece Hood
- Low Linting Knitted Cuffs
- Elasticated Ankles
- Two Way Zip
- Adhesive Zip Flap
- Latex and Silicone Free
- PFAS 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

Packaging

x1 Unit	x25 Units/ Carton	x900 Units/ Euro Pallet	x1200 Units/ / Standard Pallet

Sizes in CMs

in compliance with EN ISO 13688

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

EN ISO 13982-1: 2004+A1:2010 — Type 5

EN 13034: 2005+A1:2009 — Type 6

EN 1149-5:2018 — Anti-static

EN 1073-2:2002 — NUCLEAR PARTICLE Class 1

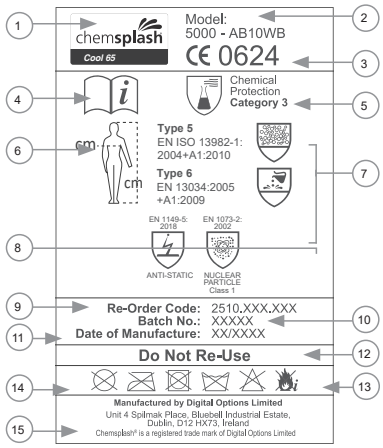
STERILE IRRADIATED Sterile Irradiated Version available on request

Style Code	Size	Carton (LxWxH) cm	Carton Weight	Product Barcode	Carton Barcode	Commodity Code
2510.400.004	S	32 x 42 x 32	5.1 kgs	5391511888801	05391506978746	6210109800
2510.400.005	M	32 x 42 x 32	5.4 kgs	5391511888818	05391506978753	6210109800
2510.400.006	L	32 x 42 x 32	5.7 kgs	5391511888825	05391506978760	6210109800
2510.400.007	XL	32 x 42 x 32	6.0 kgs	5391511888832	05391506978777	6210109800
2510.400.008	2XL	32 x 42 x 32	6.3 kgs	5391511888849	05391506978784	6210109800
2510.400.009	3XL	32 x 42 x 32	6.6 kgs	5391511888856	05391506978791	6210109800

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) Practical performance test	$IL_{82/90}$ ≤ 30%, $TILS_{8/10}$ ≤ 15%	Pass 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)	> 50 N	Class 2
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 5 > 1500 cycles	Class 5
Trapezoidal tear resistance (EN ISO 9073-4)	Class 2 > 20 N	Class 2
Tensile strength (EN ISO 13934-1)	Class 2 > 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
Ignition and flammability (EN 13274-4 - EN 1073-2)		Pass
Electric surface resistance (ANSI/ESD STM 2.1:2013 – test condition EN 1149-1)	T50 < 4s	Pass
EN ISO 13688:2013 + A1:2021		
Test	**Requirement**	**Result /Class/Conformity**
pH (EN ISO 13688 – ISO 3071)	3.5 > pH > 9.5	Pass
Animes (EN ISO 13688 - ISO 3071)		Pass

Classification according to EN 14325



Garment Inside Label Markings

1. Model Name – Chemsplash Chemcool 65
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. Date of manufacture
12. Do not re-use
13. Flammable material – keep away from fire
14. International care symbols:
    Do Not Dry Clean Do Not Iron Do Not Tumble Dry Do Not Wash Do Not Bleach
15. Manufacturer's Name and Address

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 on dissipative or conductive floors;
- 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, or in Zone 0 (see EN 60079-10-1 [7]) without prior approval of the responsible safety engineer;
- The electrostatic dissipative performance of the electrostatic dissipative protective clothing can be affected by wear and tear, laundering and possible contamination;
- The electrostatic dissipative protective clothing shall be worn in such a way that it permanently covers all non-complying materials during normal use (including bending movements);
- The electrostatic dissipative protective clothing is intended to be worn in Zones 1, 2, 20, 21 and 22 (see EN 60079-10-1 [7] and EN 60079-10-2 [8]) in which the minimum ignition energy of any explosive atmosphere is not less than 0,016 mJ.

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 must be stored in their original packaging in a dark, dry and cool place. Ideally at temperatures between -5 and 40 degrees centigrade.

Garments should be disposed of without harm to the environment. Restrictions to disposal may result from contamination during use. In this case please dispose of 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. Firmly press down the adhesive tape then remove the strip, make sure the sticky part is left behind. Now press the adhesive flap over the zip and close the flap. Replace your footwear.

Shelf-life
Chemsplash Cat 111-Type 3, 4, 5 & 6 Coveralls and related Partial Body accessories are generally constructed from inert polymers that are not materially impacted by normal storage conditions. In unopened bags and cartons and in such conditions (-5°C to 40° C, dry and away from direct light) the expected shelf life can be approximately 10 years. Some discoloration of fabrics may occur over time,but this usually results from seepage of dyes and does not impact fabric performance.
On occasion particular properties of some fabrics may alter over time. In particular anti-static properties result from a topical treatment which will degrade over time and in use.
It is crucial that all garments, regardless of age, but especially after a longer shelf life, are thoroughly checked for degradation or wear before use. Do not use any garment that appears inferior. It is always the end user's responsibility to ensure any garment is fit for purpose.

Declaration of Conformity available at:
www.chemsplash.com

CE guarantees the free circulation of products and goods within the European Union. CE-Marked product complies with the essential requirements of the European Regulation (EU) 2016/425.