



Blue Version

Xtreme SMS 55

ANTI STATIC Coverall

Type 5/6

Style Code: **2503**

The Chemsplash Xtreme SMS 55 Coverall is made from a breathable SMS fabric which has been chemically treated to offer its user anti-static protection to EN 1149-5:2018 standards. It provides EN1073-2 protection against radioactive contamination. It also meets CAT III Type 5 & 6.

This coverall has an elasticated hood, ankles, a knitted cuff, and a two way zip with an adhesive flap to secure over the zip.

Whilst being extremely comfortable to wear its strong and robust properties provide an excellent barrier against chemical splash and hazardous particles.

Features

- 55GSM Breathable SMS Fabric
- Anti Static Protection
- Elasticated Hood
- Knitted Cuffs
- Elasticated Back & Ankles
- Two Way Zip
- Adhesive Zip Flap
- Silicone & Latex Free
- PFAS Free
- Comes without the chest label

Suitable Applications

- Asbestos Related Work
- Handling Powders
- General Maintenance
- Construction
- Pharmaceutical Industries
- Wood & Metal Processing
- Touch-up Paint Spraying
- Fibreglass / Resin Applications
- Ceramic Fibre
- Food industry

Colours Available

White
Blue

Sizes in CMs

in compliance with EN ISO 13688

Size	Height	Chest
S	160-165	89-93
M	163-168	93-98
L	167-172	101-106
XL	173-181	108-114
XXL	176-181	116-122
XXXL	185-190	124-130

Packaging

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

EN ISO 13982-1:
2004+A1:2010

Type 5

EN 13034:
2005+A1:2009

Type 6

EN 1149-5:2018



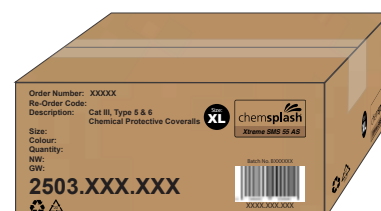
Anti-static

EN 1073-2:2002

NUCLEAR
PARTICLE
Class 1

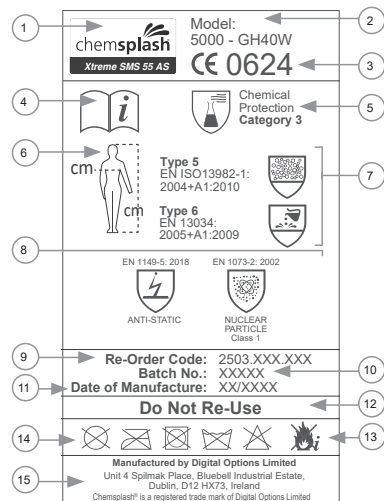
Sterile Irradiated Version
available on request

Style Code	Size	Carton (LxWxH) cm	Carton Weight	Product Barcode	Carton Barcode	Commodity Code
2503.400.004	S	32 x 42 x 32	5.1 kgs	5391511889501	05391526546314	6210109800
2503.400.005	M	32 x 42 x 32	5.4 kgs	5391511889518	05391526546321	6210109800
2503.400.006	L	32 x 42 x 32	5.7 kgs	5391511889525	05391526546338	6210109800
2503.400.007	XL	32 x 42 x 32	6.0 kgs	5391511889532	05391526546345	6210109800
2503.400.008	2XL	32 x 42 x 32	6.3 kgs	5391511889549	05391526546352	6210109800
2503.400.009	3XL	32 x 42 x 32	6.6 kgs	5391511889556	05391526546369	6210109800



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} ≤ 30%, TILS _{9/10} ≤ 15%	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%	<table><tr><td>H₂SO₄ 30%:</td><td>class 3</td></tr><tr><td>NaOH 10%:</td><td>class 3</td></tr><tr><td>o-xylene:</td><td>n.c.</td></tr><tr><td>Butan-1-ol:</td><td>n.c.</td></tr></table>	H ₂ SO ₄ 30%:	class 3	NaOH 10%:	class 3	o-xylene:	n.c.	Butan-1-ol:	n.c.
H ₂ SO ₄ 30%:	class 3									
NaOH 10%:	class 3									
o-xylene:	n.c.									
Butan-1-ol:	n.c.									
Repellency to liquid (EN ISO 6530 – EN 13034)	Class 3: > 95% Class 2: > 90% Class 1: > 80%	<table><tr><td>H₂SO₄ 30%:</td><td>class 3</td></tr><tr><td>NaOH 10%:</td><td>class 3</td></tr><tr><td>o-xylene:</td><td>n.c.</td></tr><tr><td>Butan-1-ol:</td><td>n.c.</td></tr></table>	H ₂ SO ₄ 30%:	class 3	NaOH 10%:	class 3	o-xylene:	n.c.	Butan-1-ol:	n.c.
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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								
Electric surface resistance (ANSI/ESD STM 2.1:2013 – test condition EN 1149-1)	≤ 2.5 x 10 ⁹	Pass								
EN ISO 13688:2013 + A1:2021										
Test	Requirement	Result /Class/Conformity								
pH (EN ISO 13688 – ISO 3071)	3.5 > pH > 9.5	Pass								
Amines (EN ISO 13688 – ISO 3071)		Pass								
Classification according to EN 14325										

Classification according to EN 14325



Garment Inside Label Markings

- Model Name – Chemsplash Xtreme SMS 55 AS
- Model Identification – Model 5000-GH40W
- CE Marking – coverall complies with requirements for category III personal protective equipment according to European legislation. Type-test & certification was issued by Centrocot Tessile Cottoniero, 21052 Busto Arsizi (VA), P.ZZA Sant'Anna, 2, Italy
- Indicates wearer should read the instructions for use
- Indicates compliance with European Standards for chemical protective clothing
- Sizing pictogram indicates to fit body measurements in sizes & correlation to letter code. Select the size to fit your body measurements
- 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)
- Safety Standards:
- Antistatic Protection (EN1149-5:2018)
- Radioactive Contamination Protection (EN 1073-2:2002)
- Re-Order Code
- Batch Number
- Date of manufacture
- Do not re-use
- Flammable material – keep away from fire
- International care symbols:
☒ Do Not Dry Clean ☒ Do Not Iron ☒ Do Not Tumble Dry ☒ Do Not Wash ☒ Do Not Bleach
- Manufacturers 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 Ljmm, 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;
- Coverall 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 10⁹ 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 its 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 your 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.