



Xtreme SMS 50 AS Coverall Type 5/6

Style Code: **2503**

The Chemsplash Xtreme SMS 50 Anti-Static 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 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

- 50GSM Breathable SMS Fabric
- Anti Static Protection
- Elasticated Hood
- Knitted Cuffs
- Elasticated Back & Ankles
- Two Way Zip
- Adhesive Zip Flap
- Silicone & Latex Free

Suitable Applications

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

Colours Available

	White
	Blue

Sizes in CMs

in compliance with EN340

Size	Height	Chest
S	160-165	89-93
M	163-168	93-98
L	167-172	101-106
XL	173-178	108-114
XXL	178-181	116-122
XXXL	181-184	124-130



Sterile Irradiated
Version available
on request



EN13982-1



TYPE 5

EN13034



TYPE 6

EN1149-5:2018

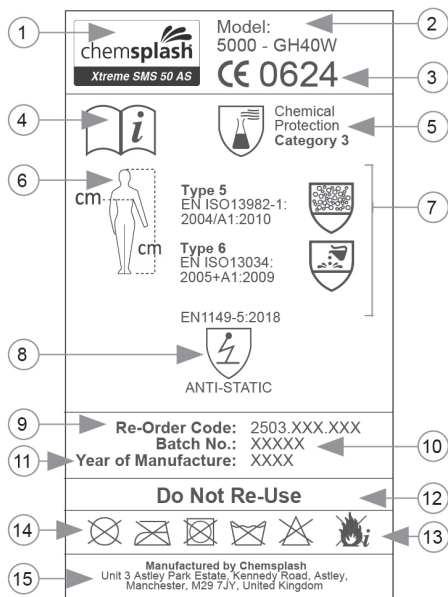


Anti-static



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)	II _{62/90} ≤ 30%, TILS _{6/10} ≤ 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%	H ₂ SO ₄ 30%: class 3
		NaOH 10%: class 3
		o-xilene: n.a.
		Butan-1-ol: n.a.
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-xilene: n.a.
		Butan-1-ol: n.a.
Abrasion Resistance (EN 530 - method 2)	Class 2 > 100 cycles	Class 2
Trapezoidal tear resistance (EN ISO 9073-4)	Class 2 > 40 N	Class 3
Tensile strength (EN ISO 13934-1)	Class 1 > 60 N	Class 1
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		
Test	Requirement	Result /Class/Conformity
pH (EN 340 - ISO 3071)	3.5 > pH > 9.5	Pass
Amines (EN 340 - ISO 3071)		Pass

Classification according to EN 14325



Garment Inside Label Markings

- Model Name - Chemsplash Xtreme SMS 50 AS
- Model Identification - Model 5000-GH40W
- CE Marking - overall complies with requirements for category III personal protective equipment according to European legislation. Type-test & certification was issued by Centrocot Tessile Cottoniero, 21052 Busto Arsizio (VA), PZZA 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)
- Re-Order Code
- Batch Number
- Year of manufacture
- Do not re-use
- Flammable material - keep away from fire
- International care symbols:
- Manufacturers name and Address

Sizes in cm - in compliance with EN340						
Size	S	M	L	XL	2XL	3XL
Height	160-165	163-168	167-172	173-178	178-181	181-184
Chest	89-93	93-98	101-106	108-114	116-122	124-130

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 Ijmn, 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
- 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 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. 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