



chemsplash®

Xtreme SMS 50 Coverall

Type 5/6

Style Code: **2544**

The Chemsplash Xtreme SMS 50 is made from extremely breathable SMS fabric suitable for prolonged periods of use. Featuring an elasticated cuffs and ankles, with a two way zip and an adhesive cover flap.

Its strong and robust properties provide a good chemical barrier especially to dry hazardous particles, whilst being extremely comfortable to wear offering the best value within our Cat III Type 5 & 6 range.

This product is suitable for use in BRC approved work areas & for the Pharmaceutical Industry.

This product does not contain: PFAS, RoHS, POP, TSCA, REACH or any Conflict Materials.



Features

- 50GSM Breathable SMS Fabric
- Elasticated 3 Pce Hood
- Elasticated Cuffs
- Elasticated Ankles
- Two Way Zip
- Adhesive Zip Flap
- Silicone & Latex Free
- Comes without the chest label

Suitable Applications

- Asbestos Related Work
- Handling Powders
- Food Processing
- General Maintenance
- Construction
- Agriculture

Colours Available

White
Blue
Red
Orange

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	176-181	116-122
XXXL	185-190	124-130

4XL, 5XL, 6XL
in **White Colour**
Style Code: **2618**



EN13982-1



TYPE 5

EN13034



TYPE 6

EN1073-2



NUCLEAR PARTICLE Class 1

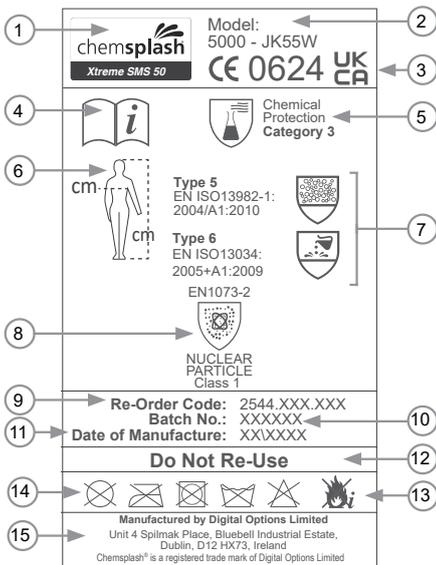


Version available:
TAPED SEAMS
Style Code: **2590**



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)	$IL_{2,100} \leq 30\%$, $TIL_{S_{210}} \leq 15\%$	Pass
Nominal protection factor (EN ISO 13982-2 - EN 1073-2)	$TIL_{2\%} 30$, $TIL_{4\%} 20$, 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 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 > 20 N	Class 2
Tensile strength (EN ISO 13934-1)	Class 1 > 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
EN ISO 13688:2013		
Test	Requirement	Result /Class/Conformity
pH (EN 340 - ISO 3071)	$3.5 > \text{pH} > 9.5$	Pass
Amines (EN 340 - ISO 3071)		Pass

Classification according to EN 14325



Garment Inside Label Markings

- Model Name – Chemsplash Xtreme SMS 50
- Model Identification – Model 5000-JK55W
- CE Marking – overall complies with requirements for category III personal protective equipment according to European legislation. Type-test & certification was issued by Centrocot Tessile Cotoniario, 21052 Busto Arsiz (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 overall 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:
- 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

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 L_{jmn} , $82/90 \leq 30\%$ - $L_s 8/10 \leq 15\%$
- 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 overall
- The person wearing the electrostatic dissipative protective clothing shall be properly earthed. The resistance between the person and the earth shall be less than $10^8 \Omega$ 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 must be stored in their original packaging in a dark, dry and cool place. Ideally at temperatures between 5 and 30 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. 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