



EN13982-1



TYPE 5

EN13034



TYPE 6

EN1073-2

NUCLEAR
PARTICLE
Class 1

chemsplash®

Xtreme SMS 50 Coverall

Type 5/6-TAPED SEAMS

Style Code: **2590**

The Chemsplash Xtreme SMS 50 is made from extremely breathable SMS fabric suitable for prolonged periods of use. Featuring an elast 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.

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 with Blue Taped Seams

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

Performance of whole suit

Test	Requirement	Result /Class/ Conformity
Resistance to liquid penetration - Spray test Tipo 6 (EN ISO 17491-4 met. A - EN 13034)		Pass
Resistance to aerosol penetration - Inward leakage Tipo 5 (EN ISO 13982-2 - EN ISO 13982)	$TIL_{10} \leq 30\%$ $TIL_{50} \leq 15\%$	Pass
Nominal protection factor (EN ISO 13982-2 - EN 1073-2)	$TIL_{10} \leq 30\%$ $TIL_{50} \leq 15\%$	Class 1
Seams: strength (EN ISO 13935-2)	$F_{pn} > 75\text{ N}$	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-xylene: n.a. Butan-1-ol: n.a.
Repellency to liquid (EN ISO 6530 - EN 13034)	Class 3: $> 95\%$ Class 2: $> 80\%$ Class 1: $> 80\%$	H ₂ SO ₄ 30%: class 3 NaOH 10%: class 3 o-xylene: 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 $> 20\text{ N}$	Class 2
Tensile strength (EN ISO 13934-1)	Class 1 $> 60\text{ N}$	Class 2
Puncture resistance (EN 863 - EN 13034)	Class 2 $> 10\text{ N}$	Class 2
Flex cracking resistance (EN 7854)	Class 6 > 100000 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