Specification Sheet

chemsplash
Jet Spray Intro

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Jet Spray INTRO Coverall

Type 3B/4B/5B/6B

Style Code: **2727**

The Chemsplash Jet Spray INTRO Type 3/4/5/6 Coverall is highly resistant against Chemical permeation. Made from a thick 88 GSM heavy weight Polypropylene / Polyethylene multilayer laminated material, it is also tested to provide protection against Biological Hazards to EN14126, protecting again Viruses, Bacteria and Blood borne pathogens and also protects against Particulate Radioactive contamination (level 2) to EN1073-2.

Features

- 88GSM Heavyweight Fabric
- Ultrasonically Tape Welded Seams
- Self Adhesive Chin Strap for Optimum Protection
- Elasticated Hood, Half Waist, Cuffs and Ankles
- Convenient Thumb Loops at Wrist
- One-Way Zip with Bi-Folding Self Adhesive Flap
- EN14126 Compliant
- Anti-Static to EN1149-5:2018

Suitable Applications

Liquid Chemical Handling
Contamination Control
Medical
Emergency Response
Maintenance work at Nuclear Facilities
Biological Protection

Colours Available

Yellow

Irradiated Version available on request

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

EN14605 TYPE 3B

EN14605 TYPE 4B

EN13982-1 TYPE 5B

EN13034 TYPE 6B

EN1149-5:2018 Anti-static

EN1073-2 Nuclear Particles Class 2

EN14126 Infective Agents

Performance of whole suit

Test	Requirement	Result /Class/Conformity
Jet test (type 3) EN ISO 17491-3		Pass
Spray test (type 4) EN ISO 17491-4 – met. B		Pass
Aerosol penetration (type 5)	$IL_{82/90} \leq 30\%$, $TILS_{8/10} \leq 15\%$	Pass
Seams tensile strength (EN ISO 13935-2) - 4017	Class 4 > 75 N	4
Seams tensile strength (EN ISO 13935-2) - 4018	Class 4 > 75 N	4
Nominal protection factor (EN ISO 13982-EN 1073-20)	Class 1	
pH	6.3	Pass

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: class 3; Butan-1-ol: class 3
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: class 3; Butan-1-ol: class 3
Abrasion Resistance (EN 530 - method 2)	Class 6: > 2000 cycles	Class 6
Trapezoidal tear resistance (EN ISO 9073-4)	Class 2 > 10 N	Class 2
Tensile strength (EN ISO 13934-1)	Class 2 > 60 N	Class 2
Puncture resistance (EN 863)	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)	< 1,3 x10⁸ Ω	Pass

EN 14126:2003

Test	Requirement	Result /Class/Conformity
Resistance to penetration by blood-borne phatogens - phi-x174 bacteriophage test - ISO 16603/16604	Class 6: 20 kPa	Class 6
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids - ISO 22610 (test microorganism: staphylococcus aureus)	Class 6: t > 75	Class 6
Resistance to penetration by contaminated liquid aerosols - ISO DIS 22611 (test microorganism: staphylococcus aureus)	Class 3: log > 5	Class 3
Resistance to penetration by contaminated solid particles - EN ISO 22612 (test microorganism: spores of Bacillus subtilis)	Class 3: ≤ 1	Class 3

EN ISO 13688:2013

Test	Requirement	Result /Class/Conformity
pH (EN 340 – ISO 3071)	3.5 > pH > 9.5	Pass

Classification according to EN 14325