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TECHNICAL DATA SHEET

**Splash-shield
SS500**

Protective Coverall Type 5 & 6

While also being exceptionally durable, tear-resistant, and abrasion-resistant.

Protection:

Against airborne solid particles like dust and fibers, offering limited protection performance against liquid chemical splashes.

Design:

The design of the coverall incorporates elasticated hood, wrist, ankles, waist bands, and thumb loops to provide a secure fit, thereby minimizing gaps where particulates could potentially enter.

Additionally, the coverall is equipped with a zipper and adhesive flap closure.

- **Zippers:** Easy to operate, allowing wearers to quickly don and doff the garment without requiring assistance.
- **Secure Seal Flap:** The adhesive flap closure creates a secure seal, preventing particulates or liquids from entering through the closure area.

Fabric Construction:

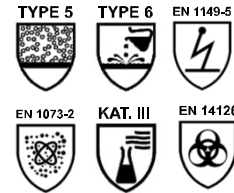
Made of flash spinning polyethylene fabric for high strength, good tear resistant and durability.

Key Features:

- **Anti-Static:** Helps dissipate static electricity, reducing the risk of static discharge and associated hazards in sensitive environments.
- **Three-Piece Hood:** A hood constructed from three panels for optimal fit and coverage, providing additional protection for the head and neck area.
- **Soft and Comfortable:** Constructed from soft materials for enhanced wearer comfort, even during extended periods of wear.
- **Lightweight:** Designed to be lightweight, ensuring ease of movement and minimizing wearer fatigue during use.
- **Breathability:** Helps to reduce the heat stress.
- **Extreme Low Linting:** Minimizes the shedding of fibers, which can reduce the risk of contamination in critical areas where cleanliness is paramount.

Application:

- Pharmaceutical Processing.
- Chemical Processing/Handling/Cleaning.
- General Maintenance, Cleaning, Renovation.
- General Industrial Operations.
- Pesticides, Agrochemicals Handling.
- Assembly.
- Cleaning and Degreasing.
- Waist Handling.
- Oil Processing/Handling.
- Laboratories.
- Machining.
- Spray Painting.
- Paint Preparation.
- Cosmetic Formulations.
- Food Processing.
- Radioactive Particle.

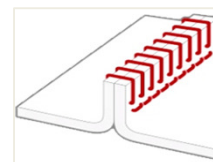




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Seam Construction:

Stitching seams between two fabric parts using an interlock stitch is crucial to join and ensure that the edges to be stitched are clean, straight and barrier-sealed seam. Reinforce four line stitching. Stich length 3-4 stitch per cm with over tape.



Technical Data

Physical Performance (EN 14325)

Test	Test method	Result
1. Abrasion resistance	EN ISO 12947-2:2016	Class 5
2. Puncture resistance	EN 863:1995	Class 2
3. Flex cracking resistance	EN ISO7854:1997, Method B	Class 6
4. Tensile strength	EN ISO 13934-1:2013	Class 2
5. Tear resistance(trapezoidal)	EN ISO 9073-4:1997	Class 3
6. Seam strength	EN ISO 13935-2:2014	Class 3

Physical Performance (EN 1073-2)

Test	Test method	Result
1. Abrasion resistance	EN 530, Method 2	Class 2
2. Puncture resistance	EN 863:1995	Class 2
3. Resistance to blocking	EN 25978	Class 2
4. Tear resistance	EN ISO 9073-4:1997	Class 4
5. Seam strength	EN ISO 13935-2:2014	Class 3

Repellency By Chemical Results (Type 6)

Chemical	Test method	Result
30%Sulphuric Acid	EN ISO 6530:2005	Class 3
10%Sodium Hydroxide		Class 3
o-Xylene		NA
Butan-1-ol		NA
Classification of repellency to liquids: Class 1 >70%; Class 2 >80%; Class 3 >90%. Classification is according to EN 14325:2018		

Resistance To Penetration Of Chemical Results (Type 6)

Chemical	Test method	Result
30% Sulphuric Acid	EN ISO 6530:2005	Class 3
10% Sodium Hydroxide		Class 3
o-Xylene		NA
Butan-1-ol		NA
Classification of resistance to penetration by liquids: Class 1 <10%; Class 2 <5%; Class 3 <1% Classification is according to EN 14325:2018		



Technical Data

Product Whole Suit Test Performance Levels

Test method	Result
Type 5: EN ISO 13982-1:2004/A1:2010 Protective clothing against solid particulates	Pass
Type 6: EN 13034:2005+A1:2009 Protective clothing against light spray/splash proof	Pass
EN 1073-2:2002	Class 2

Electrostatic properties (EN 1149-5: 2018)

Test	Test method	Result
Surface resistance	EN 1149-1: 2006	Pass
according to EN 14325:2018		

Pictograms

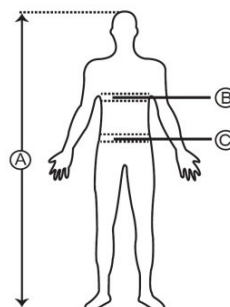
EN 13034:2005+A1:2009 - Protection against liquid chemical, light spray (type 6)	
EN ISO 13982-1:2004+A1:2010 - Protection against airborne solid particulates (type 5)	
EN 1149-5:2018 - Electrostatic charges	
EN 1073-2: 2002 The product meets the requirements of protective clothing against radioactive contamination.	
EN ISO 13688:2013 - Protective clothing - general requirements	

Storage:

- Store it in a cool, dry place in original packet.
- Store away from sources of direct sunlight, heat, and high temperatures.
- Shelf life is five years from date of manufacture when stored as stated above.

Disposal:

- If not contaminated, the product can be treated as common textile waste.
- If contaminated, it should be treated as hazardous waste and discarded according to local regulations.



Size Chart

Size	Height (A) cm	Chest (B) cm
S	161-165	95-99
M	167-171	95-99
L	173-177	100-104
XL	177-186	105-120
XXL	184-186	108-120
XXXL	188-192	114-125

Industry



Pharmaceutical



Automobile



Food & Breweries



General Manufacturing



Construction



Agriculture



FMCG

Udyogi