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TECHNICAL DATA SHEET

**Splash-shield
SS200BT**

Protective Coverall Type 5 & 6 with Booties

Ultimate Synergy of Protection, Breathability, and Contamination.

Protection:

Against airborne solid particles like dust and fibers, offering limited protection performance against liquid chemical splashes, booties features helps reduce the risk of contaminants in clean of sensitive area, thus contributing to the maintenance of hygienic work environments.

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 and attached botties.

- **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:

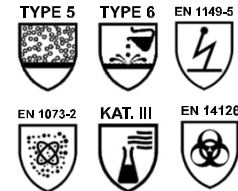
The garment features a double-layer constructions, comprising a microporous breathable film outer layer and double non-woven inner layer.

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.
- **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 Proceeding.
- Radioactive Particle.

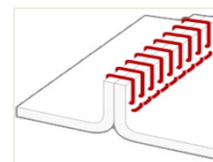




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Seam Construction:

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
Abrasion resistance	EN ISO 12947-2:2016	Class 1
Puncture resistance	EN 863:1995	Class 1
Flex cracking resistance	EN ISO7854:1997, Method B	Class 6
Flex cracking resistance at -30°C	EN ISO7854:1997, Method B	Class 6
Tensile strength	EN ISO 13934-1:2013	Class 1
Tear resistance (trapezoidal)	EN ISO 9073-4:1997	Class 2
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 1
2. Puncture resistance	EN 863:1995	No classification
3. Resistance to blocking	EN 25978	Class 2
4. Tear resistance	EN ISO 9073-4:1997	Class 3
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	EN ISO 6530:2005	Class 3
o-Xylene	EN ISO 6530:2005	Class 3
Butan-1-ol	EN ISO 6530:2005	Class 3

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	EN ISO 6530:2005	Class 3
o-Xylene	EN ISO 6530:2005	Class 3
Butan-1-ol	EN ISO 6530:2005	Class 3

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

Resistance To Penetration Of Infective Agents

Test	Test method	Result
1. Resistance to Penetration by Blood-Borne Pathogens - Test method using Phi-X174 Bacteriophage	EN 14126:2003/AC:2004 ISO 16604(2004) procedure D	Class 3
2. Resistance to Wet Microbial Penetration	EN14126:2003/AC:200 4 ISO 22610(2006)	Class 3
3. Resistance to Liquid Aerosol Penetration	EN14126:2003/AC:200 4 ISO/DIS 22611(2003)	Class 3
4. Resistance to Dry Microbial Penetration	EN14126:2003/AC:200 4 ISO 22612(2005)	Class 3

Electrostatic properties (EN 1149-5: 2018)

Test	Test method	Result
Surface resistance	EN 1149-1: 2006	Pass
EN 1149-5: 2018: Max.2.5×10 ⁹ Ω on at least one surface		

Pictograms

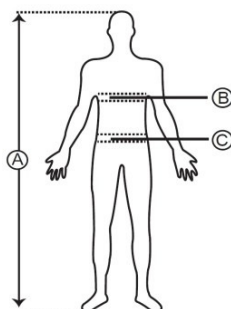
EN 13034:2005+A1:2009 - Protection against liquid chemical, light spray (type 6)	
EN ISO 13982-1:2004+A1:2010 - Protection against airborne solid particulates (type 5)	
EN 1149-5:2018 - Electrostatic charges	
EN 1073-2: 2002 The product meets the requirements of protective clothing against radioactive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