



- Product :** ULTITEC 2000
Premium Oil, Liquid Splash & Infective Agents Resistant Protective Clothing
- Style NO :** DD310 Standard hooded coverall
DD320 Hooded coverall with integral boots
DD330 Collared coverall
DD340 Hooded coverall with knitted cuff
- Material :** Fabric: Microporous film laminated PPSB
Zipper: Nylon on polyester braid
Elastic: Neoprene rubber (latex free)
Thread: Polyester
- Color :** White
- Sizing :** An appropriate size should be selected to allow sufficient movement for the task

SIZE	CHEST (CMS)	HEIGHT (CMS)
S	84 - 92	162 - 170
M	92 - 100	170 - 176
L	100 - 108	176 - 182
XL	108 - 116	182 - 188
2XL	116 - 124	188 - 194
3XL	124 - 132	194 - 200
4XL	132 - 140	200 - 206

Protection Level :



Type 5-B



Type 6-B



EN 1073-2



EN 1149-5



EN 14126



DIN 32781

⚠ indicate EN 1073-2 excluding clause 4.2 puncture resistance and resistance to blocking.

Approvals :

CE approved under PPE regulation EU 2016/425, Category III
Module B Certification: SGS Fimko Oy, LTD. Notified Body Number: 0598
Module D Supervision: SGS Fimko Oy, LTD. Notified Body Number: 0598

Design Features :

Zipper fastens to underside of chin; 3-piece hood; Elasticated wrists
Fully elasticated waist; Ample crotch; Elasticated ankles

Storage and Disposal :

- Store in dry, clean conditions in original packaging within the temperature range 15°C to 25°C (58°F to 78°F) and with relative humidity below 80%.
- Store away from direct sunlight, sources of high temperature, and solvent vapors.
- Shelf life is 60 months from date of manufacture when stored as stated above.
- Handle and dispose of contaminated garments with care and in accordance with national regulations.

Limitations :

Do not wash

Do not dry clean

Do not iron

Do not machine dry

Do not reuse

Keep away from fire

Applications :

Agriculture, Automotive, Biological Hazards, Disaster Management, Disease Control
Electronic Industries, Pharmaceutical, Petrochemical

Technical Data :

The table below shows the performance tested under laboratory conditions. Please note that tests may not reflect the reality of use and do not account for factors such as excessive heat and mechanical wear.

Fabric Physical Properties	Test Method	Result	Class
Abrasion Resistance	EN 530	>10 cycles	Class 1
Flex Cracking Resistance	EN ISO 7854/B	>40,000cycles	Class 5
Trapezoidal Tear Resistance	MD CD EN ISO 9073-4	>20 N >10 N	Class 1
Tensile Strength	MD CD EN ISO 13934-1	>60 N >30 N	Class 1
Puncture Resistance	EN 863	>5 N	Class 1
Seam Strength	EN ISO 13935-2	>75 N	Class 3
Antistaticity	EN 1149-5	Pass	
pH Value	EN ISO 3071	Pass	
Resistance to Ignition	EN 13274-4	Pass	
Resistance to Water Penetration	EN 20811	>2500 mmH ₂ O	
Water Vapor Resistance	EN ISO 11092	31.7 m ² *Pa/W	

Fabric Chemical Properties	Test Method	Penetration	Repellency
Sulfuric Acid 30%	EN ISO 6530	Class 3	Class 3
Sodium Hydroxide 10%	EN ISO 6530	Class 3	Class 3
o-Xylene	EN ISO 6530	Class 2	Class 1
Butan-1-ol	EN ISO 6530	Class 3	Class 2
Isopropanol*	EN ISO 6530	0.00%	92.40%

Note* Isopropanol test is not requested under EN 14325, therefore there is no classification.

Against Infective Agents with EN 14126	Test Method	Result	Class
Resistance to Penetration by Blood / Fluids	ISO 16603	Pass to 20kPa	Class 6
Resistance to Penetration by Blood-borne Pathogens	ISO 16604	Pass to 1.75kPa	Class 2
Resistance to Wet Microbial Penetration	ISO 22610	No Penetration	Class 6
Resistance to Liquid Aerosol Penetration	ISO/DIS 22611	No Penetration	Class 3
Resistance to Dry Microbial Penetration	ISO 22612	No Penetration	Class 3

Resistance to Penetration by Pesticides in DIN 32781	Test Method	Sample 1	Sample 2	Sample 3	Sample 4
Betanal Expert	EN 14786	N.D	N.D	N.D	N.D
Folicur	EN 14786	N.D	0.22%	N.D	N.D
Amistar	EN 14786	N.D	N.D	N.D	N.D
Pirimor Granulat	EN 14786	N.D	N.D	N.D	N.D
U46-D-Fluid	EN 14786	N.D	N.D	N.D	N.D

Whole Suit Test Performance	Test Method	Result
Type 5	EN ISO 13982-1:2004+A1:2010 Inward Leakage Test Test method: EN ISO 13982-2:2004	Pass
Type 6	EN 13034:2005+A1:2009 Low Level Spray Test Test method: EN ISO 17491-4:2008 Method:A	Pass
EN 1073-2	Protective Clothing Against Radioactive Contamination	Class 1

Packing :

- 1 piece per PE bag
- 50 pieces per carton