Technical Data Sheet

Product : ULTITEC 2000 coverall
Dust, Liquid Splash and Infective Agent Resistance Coverall

Style NO :
DD310 Standard Hooded Coverall
DD320 Hooded Coverall with Integral Boots
DD330 Collared Coverall
DD340 Hooded Coverall with Knitted Cuff

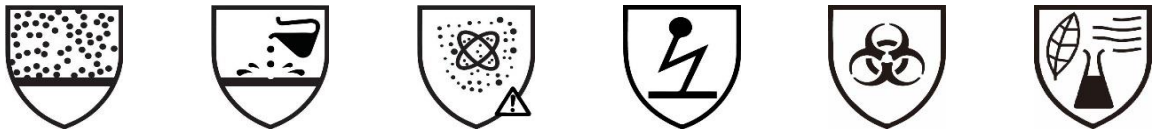
Material :
Fabric: Microporous film laminated fabric in 63gsm
Zipper: Nylon on Polyester Braid
Elastic: Neoprene Rubber (latex free)
Thread: Polyester

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
special larger sizes to order		

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 United Kingdom, LTD. Notified Body Number: 0120
Module D Supervision: SGS United Kingdom, LTD. Notified Body Number: 0120

Design Feature :
3-piece hood; Elasticated wrist, ankle, and face opening; Fully elasticated waist; Ample Crotch; Zipper fastens to underside of chin; Double Layer Storm Flap.

Storage and Disposal :
- Store in 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.

Limitation :

 Do not wash

 Do not clean dry

 Do not iron

 Do not machine dry

 Do not reuse

 Keep away from fire

ULTITEC 2000

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Application :

Agriculture, Automotive, Biological Hazards, Disaster Management, Disease Control, Electronic Industries, Pharmaceutical(cleanroom), Petrochemical, Painting,

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 (EN 1149-1)	Pass	
pH Value		EN ISO 3071	Pass	
Resistance to Ignition		EN 13274-4	Pass	
Resistance to Water Penetration		EN 20811	>2500 mmH_2O	
Water Vapour Resistance		EN ISO 11092	31.7 m^2*Pa/W	

Fabric Chemical Properties	Test Method	Penetration	Repellency
Sulphuric acid 30%	EN ISO 6530	Class 3	Class 3
Sodium Hydroxide 10%	EN ISO 6530	Class 3	Class 3

Fabric Performance Against Infective Agents in EN 14126	Result	Class
Resistance to penetration by fluids	ISO 16603	Pass to 20kPa	Class 6
Resistance to penetration by blood	ISO 16604	Pass to 1.75kPa	Class 2
Resistance to wet bacterial penetration	ISO 22610	No penetration	Class 6
Resistance to biologically contaminated	ISO/DIS 22611	No penetration	Class 3
Resistance to dry microbial penetration	ISO 22612	No penetration	Class 3

Fabric Resistance to Pesticides in DIN 32781		Result		Class	
Betanal Expert	Bayer	EN 17486	N.D	N.D	N.D	N.D
Folicur	Bayer	EN 17486	N.D	0.22%	N.D	N.D
Amistar	Syngenta	EN 17486	N.D	N.D	N.D	N.D
Pinimor Granulat	Syngenta	EN 17486	N.D	N.D	N.D	N.D
U46-D-Fluid	BASF	EN 17486	N.D	N.D	N.D	N.D

Suit Performance of Chemical Protective Clothing	Result
Type 5 EN ISO 13982-1:2004 Inward Leakage Test Test method: EN ISO 13982-2:2004	Pass
Type 6 EN 13034:2005 Low Level Spray Test Test method: EN ISO 17491-4:2008 Method: A	Pass
Protective clothing against radioactive materials Test method: EN 1073-2:2002	Class 1

Packing :

- 1 piece per PE bag
- 50 pieces per carton