ULTITEC 3000T

SAURYA
Value Driven Safety

ULTITEC 3000T
Oil, Chemical & Infective Agent Resistant Coverall

Combining liquid-proof fabric with sealed tape which offers protection level to type 4, provides an excellent barrier to pressurized liquid spray while keeping breathable and comfortable.

TYPE 4-B
TYPE 5-B
TYPE 6-B
EN 1149-5
EN 1073-2
EN 14126
DIN 32781

Breathability

★★★☆☆

Liquid Protection

★★★★☆

Dry Particulate Protection

★★★★½

FEATURES

- **The premium microporous fabric offers an outstanding barrier against wide range of chemical liquids, blood, body-fluid and infective agents.**
  Fully meets EN368, ASTM F1670 & EN14126. The performance also exceeds both WHO protective clothing specification option 1 & 2 for Ebola infection control. [Note*]
- **Protective suits against pesticides**
  Meets DIN 32781 requirement on both protection and comfort in agriculture application.
- **Breathable & comfortable**
  Fabric allows water-vapour transmission, which offers breathability to keep the wearer comfortable.
- **Low linting**
  Reduces the risk of fiber contamination to the work environment.
- **Sealed seam**
  All seam are covered by liquid-proof tape to make sure no seepage.

Note*: The WHO recommended specification for coveralls against filovirus disease issued in Oct, 2014 stated that healthcare workers should choose appropriate protective apparel, which meets the following two requirements:
option 1, tested for resistance to blood and body fluid penetration: meets or exceeds ISO 16603 class 3 exposure pressure
option 2, tested for resistance to blood-borne pathogen penetration; meets or exceeds ISO 16604 class 2 exposure pressure.

ULTITEC 3000T

APPLICATION

- Agriculture
- Automotive
- Biological Hazards
- Chemical Plants
- Disaster Management
- Petrochemical
- Pharmaceutical
- Painting

Zipper fastens to underside of chin

3-piece hood

Storm flap with adhesive tape

Elasticated wrists

Fully elasticated waist

Ample crotch

Elasticated ankles

Color

PERFORMANCE CHART

FABRIC PHYSICAL PROPERTIES	TEST METHOD	CLASS
Abrasion Resistance	EN 530	2
Flex Cracking Resistance	ISO 7854	5
Trapezoidal Tear Resist.	ISO 9073-4	1
Tensile Strength	ISO 13934-1	1
Puncture Resistance	EN 863	1
Seam Strength	ISO 13935-2	3
Burst Resistance	ISO 13938-1	3
Antistaticity	EN 1149-5	Pass
pH Value	ISO 3071	Pass
Resistance to Ignition	EN 13274-4	Pass
Resistance to to Water Penetration	EN 20811	> 2500 mm
Water Vapour Resistance [Ret]	ISO 11092	31.7 m2*Pa/W

FABRIC CHEMICAL PROPERTIES	TEST METHOD	PENETRATION	REPELLENCY
Sulphuric acid 30%	EN 368	Class 3	Class 3
Sodium Hydroxide 10%	EN 368	Class 3	Class 3
Isopropanol	EN 368	Class 3	Class 2

AGAINST INFECTIVE AGENTS with EN 14126	TEST METHOD	CLASS
Resistance to penetration by blood / fluids	ISO 16603	6
Resistance to penetration by blood borne	ISO 16604	2
Resistance to wet bacterial penetration	ISO 22610	6
Resistance to biologically contaminated aerosol	ISO 22611	3
Resistance to dry microbial penetration	ISO 22612	3

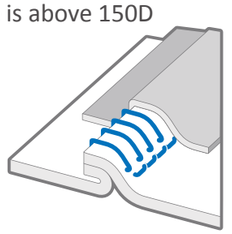
RESISTANCE TO PENETRATION BY PESTICIDES ACCORDING TO EN 14786	Sample 1	Sample 2	Sample 3	Sample 4
Betanal Expert	N.D	N.D	N.D	N.D
Folicur	N.D	0.22	N.D	N.D
Amistar	N.D	N.D	N.D	N.D
Pinimor Granulat	N.D	N.D	N.D	N.D
U46-D-Fluid	N.D	N.D	N.D	N.D

WHOLE SUIT TEST PERFORMANCE		RESULT
Type 4	Spray Test	Pass
Type 5	Inward Leakage Test	Pass
EN 1073-2	Protective Clothing Against Radioactive Contamination	Class 2

Seam Construction

4-thread overlocked seam with liquid-proof tape

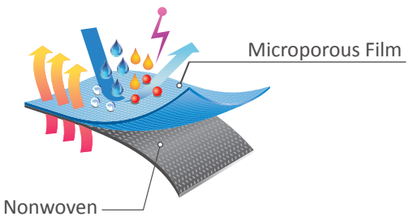
- 7-9 stitches per inch
- Heavier thread fibre is above 150D
- Bite depth at 4mm



Fabric Construction

Microporous film laminate PPSB

- MVTR is above 5000 gsm / 24hr (ASTM E96 BW)
- Hydro-head is above 2000 mm-H_2O (ISO 811)



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