

High-level Chemical & Liquid Jet Resistant Coverall

- High-level chemical hazards protection for type 3**

Manufactured from an advanced multilayer composite fabric and compatible chemical-proof tape, ULTITEC 5000 provides exceptional barrier against directional jets, and wide range of both organic and inorganic chemicals.

- Sealed design offers optimum protection**

Well-designed hood fits respirator perfectly, double layer storm flaps ensure liquid tight seal for the zipper, and the bright yellow fabric offers high visibility.

3-piece hood



Extra chin flap



Double layer storm flaps



APPLICATION

Chemical Handling, Decontamination, Disaster Management, Petrochemical, Tank Cleaning, Oil Refinery

PERFORMANCE OF ULTITEC 5000



WHOLE SUIT TEST PERFORMANCE		RESULT
Type 3 Jet Test	EN14605+A1:2009	Pass
Type 4 Spray Test	EN14605+A1:2009 + EN468	Pass
Type 5 Inward Leakage Test	EN 13982-1:2004 + A1:2010	Pass
Against Radioactive Contamination	EN1073-2: 2002	Class 1

FABRIC PHYSICAL PROPERTIES	TEST METHOD	CLASS		
Classifications in accordance with EN 14325:2004				
Abrasion Resistance	EN 530	6		
Flex Cracking Resistance	ISO 7854 B	1		
Trapezoidal Tear Resist.	ISO 9073-4	4		
Tensile Strength	ISO 13934-1	3		
Puncture Resistance	EN 863	2		
Seam Strength	ISO 13935-2	4		
AZO Dyes	EN 14362-1	Pass		
Antistaticity	EN 1149 - 5	Pass		
pH Values	EN ISO 3071	Pass		
Against Infective Agents	EN 14126	Pass		
ISO 16603	ISO 16604	ISO 22610	ISO 22611	ISO 22612
6	6	6	3	3
Resistance to chemical penetration ISO 6530				
	PENETRATION	REPELLENCY		
Sulphuric acid 30%	3	3		
Sodium Hydroxide 10%	3	3		
o-Xylene	3	3		
Butan-1-ol	3	3		

CHEMICAL RESISTANCE	CAS NO.	BREAKTHROUGH TIME	CLASS
Dimethyl formamide, N,N-	68-12-2	>480 mins	Class 6
Acetonitrile	75-05-8	>480 mins	Class 6
Dichloromethane (99.99 wt%)	75-09-2	>480 mins	Class 6
Butadiene, 1,3- (gaseous)	106-99-0	>480 mins	Class 6
Toluene	108-88-3	>20 mins	Class 1
Tetrahydrofuran	109-99-9	>40 mins	Class 2
Hexane n-	110-54-3	>480 mins	Class 6
Dimethyl amine	124-40-3	>10 mins	Class 1
Tetrachloroethylene	127-18-4	>480 mins	Class 6
Sodium hydroxide (42%)	1310-73-2	>480 mins	Class 6
Ethyl acetate	141-78-6	>480 mins	Class 6
Methanol	67-56-1	>480 mins	Class 6
Acetone	67-64-1	>480 mins	Class 6
Methyl chloride	74-87-3	>480 mins	Class 6
Carbon disulfide	75-15-0	>480 mins	Class 6
Ethylene oxide (gaseous)	75-21-8	>480 mins	Class 6
Hydrogen chloride (gaseous)	7647-01-0	>480 mins	Class 6
Ammonia (gaseous)	7664-41-7	>480 mins	Class 6
Sulfuric acid (>95% at 50 °C)	7664-93-9	>480 mins	Class 6
Chlorine (gaseous)	7782-50-5	>480 mins	Class 6
Nitro benzene	98-95-3	>480 mins	Class 6