TITAN® 460

DISPOSABLE COVERALLS

Chemical & Liquid Jet Resistant Coverall

+ **Excellent protection against wide range of hazards**
  The special impervious fabric meets the highest requirement of EN 14126 biological test.
  All seams are sealed by chemical-proof tapes, which reaches protection level Type 3 against various liquid chemicals and biological hazards.
+ **Sealed design offers optimum protection**
  Well-designed hood fits respirator perfectly, double layer storm flaps ensure a liquid-tight seal for the zipper, and the bright yellow fabric offers high visibility.
+ **Lightweight & durable**

PERFORMANCE OF TITAN 460

APPLICATION

Biological Hazards, Chemical Handling, Decontamination, Disaster Management, Tank Cleaning, Petrochemical

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	2
Flex Cracking Resistance	ISO 7854 B	1
Trapezoidal Tear Resist.	ISO 9073-4	3
Tensile Strength	ISO 13934-1	2
Puncture Resistance	EN 863	1
Seam Strength	ISO 13935-2	3
AZO Dyes	EN 14362-1	Pass
Antistaticity	EN1149 - 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	2
Butan-1-ol	3	2

CHEMICAL RESISTANCE	CAS NO.	BREAK THROUGH TIME	CLASS
Acetic Acid (80%)	64-19-7	14 mins	1
Acetic Acid (96%)	64-19-7	12 mins	1
Acetone	67-64-1	imm.	--
Acetonitrile	75-05-8	imm.	--
Carbon Disulfide	75-15-0	imm.	--
Chromic Acid (80%)	7738-94-5	>480 mins	6
Dichloromethane	75-09-2	imm.	--
Diethylamine	109-89-7	imm.	--
Dimethyl Formamide	86-12-2	>480 mins	6
Ethyl Acetate	141-78-6	imm.	--
Formaldehyde (10%)	50-00-0	>480 mins	6
Methanol	67-56-1	>480 mins	6
Methanol	67-56-1	imm.	--
n-Hexane	110-54-3	imm.	--
Nitric Acid (65%)	7697-37-2	273 mins	5
Perchloric Acid (70%)	7601-90-3	>480 mins	6
Potassium Chromate (5%)	7789-00-6	>480 mins	6
Sodium Hydroxide (40%)	1310-73-2	>480 mins	6
Sulphuric Acid (96%)	7664-93-9	>480 mins	6
Sulphuric Acid (98%)	7664-93-9	>480 mins	6
Tetrahydrofuran	109-99-9	imm.	--
Toluene	108-88-3	imm.	--
Formic Acid (85%)	64-18-6	>480 mins	6
Potassium Hydroxide (50%)	1310-58-3	>480 mins	6
Hydrogen Chloride (37%)	7647-01-0	53 mins	2
Ammonia (30%)	7664-41-7	14 mins	1

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