esko®

TITAN® 460 DISPOSABLE COVERALLS

High performance, lightweight and durable fabric provides chemical protection, dry particle proof

Features double closing storm flaps, wraparound chin strap, finger loop and elasticised wrists, ankles and hood

Provides extensive chemical protection including 98% sulphuric acid, 10% formaldehyde, and ethylene glycol

Certified to PPE directive CE EN14126 for biological hazards and infective agents (TYPE 3-B, 4-B, 5-B)

TITAN 460 CPS TYPE 3/4/5

T460

Titan 460 disposable chemical protection suit, CPS CE Type 3,4 CAT III, sizes: M–2XL

EN14126 EN14605 Type 3 EN1149-5

EN14605 Type 4 EN ISO 13982-1 Type 5

APPROVED FOR a ASBESTOS REMOVAL

PERFORMANCE FEATURES

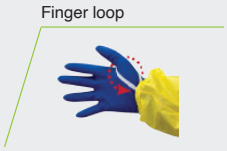
- High performance, lightweight and durable fabric provides chemical protection, dry particle proof
- Suitable for protection against a range of chemical jets and sprays
- Certified to PPE directive CE EN14126 for biological hazards and infective agents (TYPE 3-B, 4-B, 5-B)
- Certified to EN 1073-2 for radioactive hazards
- Provides extensive chemical protection including 98% sulphuric acid, 10% formaldehyde, and ethylene glycol
- Certified to EN1149-1 for antistatic properties
- Features double closing storm flaps, wraparound chin strap, finger loop and elasticised wrists, ankles and hood
- Seams are oversealed to ensure no penetration of liquid
- 4-thread seam stitching, 3–3.5 stitches per cm, stronger seam strength compared to other brands
- Elastic is stitched outside the coverall to avoid any possible allergy reaction
- Auto-locking zipper with self-adhesive double layer storm flaps provide total protection in liquid and particle barrier and is well folded-in for user comfort
- Bright yellow fabric for high visibility
- Uncompromising protection
- Sizes M–2XL

SUITABLE FOR

- Biological hazards
- Chemical and Hazmat handling
- Decontamination
- Disease
- Disaster management
- Biosecurity
- Veterinary
- Industrial clean up
- Oil handling/tank cleaning
- Sewerage
- Waste management

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**



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