

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

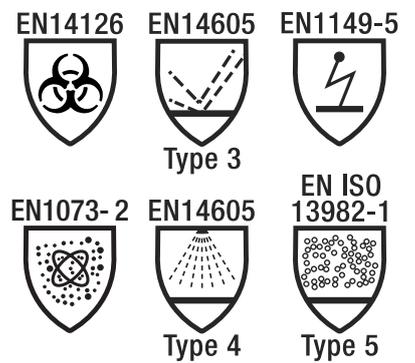
Certified to PPE directive CE EN14126 for biological hazards and infective agents (TYPE 3-B, 4-B, 5-B)



## TITAN 460 CPS TYPE 3/4/5

T460

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



### PERFORMANCE FEATURES

- + High performance, lightweight and durable barrier film coated 82 gsm 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 and 10% formaldehyde
- + 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 as a 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

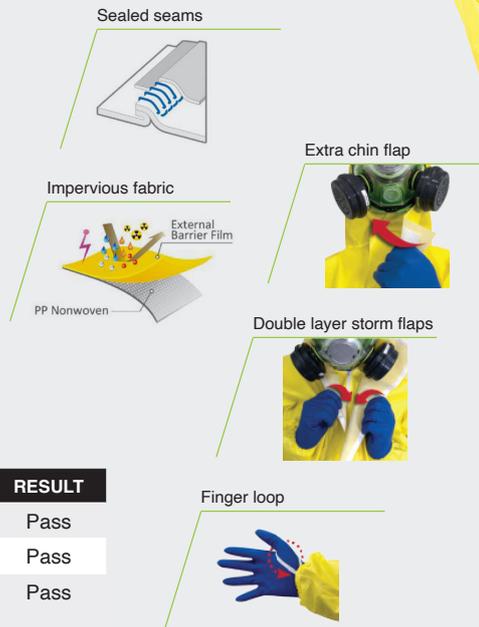
### + Excellent protection against wide range of hazards

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

## 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.

## MATERIAL

- Fabric:** Barrier film coated fabric in weight 82gsm
- Zipper:** Nylon on Polyester Braid
- Elastic:** Neoprene Rubber (latex free)
- Thread:** Polyester
- Tape:** Chemical Resistance Tape

## PACKING

- + 1 piece per hangsell bag
- + 12 pieces per carton

## LIMITATION

- Do not wash
- Do not iron
- Do not reuse
- Do not clean dry
- Do not machine dry
- Keep away from fire

## 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	>15,000 cycles	Class 5
Flex Cracking Resistance		EN ISO 7854-B	>100,000 cycles	Class 6
Trapezoidal Tear Resistance	MD	EN ISO 9073-4	>40 N	Class 3
	CD		>40 N	
Tensile Strength	MD	EN ISO 13934-1	>100 N	Class 2
	CD		>100 N	
Resistance to Ignition		EN 13274-4	Pass	

Fabric Physical Properties	Test Method	Result	Class
Puncture Resistance	EN 863	>10 N	Class 2
Seam Strength	EN ISO 13935-2	>125 N	Class 4
Antistaticity	EN 1149-5 (EN 1149-3)	Pass	
pH Value	EN ISO 3071	Pass	
AZO colourants	EN 14362-1	Pass	
Colour Fastness to Perspiration	EN ISO 105-E04	Pass	
Fabric Chemical Properties	Test Method	Penetration	Repellency
Sulphuric acid 30%	EN ISO 6530	Class 3	Class 3
Sodium Hydroxide 10%	EN ISO 6530	Class 2	Class 3
o-Xylene	EN ISO 6530	Class 2	Class 3
Butan-1-ol	EN ISO 6530	Class 2	Class 3
Resistance to Chemical Permeation	Test Method	Fabric	Tape
Sulphuric Acid 98%	EN ISO 6529	Class 6	Class 6
Formaldehyde 10%	EN ISO 6529	Class 4	Class 3
Note: Please contact your local distributor for the full list of tested chemicals and the results			
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 20kPa	Class 6
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
Suit Performance of Chemical Protective Clothing	Test Method	Result	
Type 3 EN 14605:2005 Jet Test	EN ISO 17491-3:2008	Pass	
Type 4 EN 14605:2005 Spray Test	EN ISO 17491-4:2008 Method:B	Pass	
Type 5 EN ISO 13982-1:2004 Inward Leakage Test	EN ISO 13982-2:2004	Pass	
Protective clothing against radioactive materials	EN 1073-2:2002		Class 1