

TORANT® CHEMICAL RESISTANT, WATERPROOF/ BREATHABLE FABRIC

REUSABLE CHEMICAL SUIT

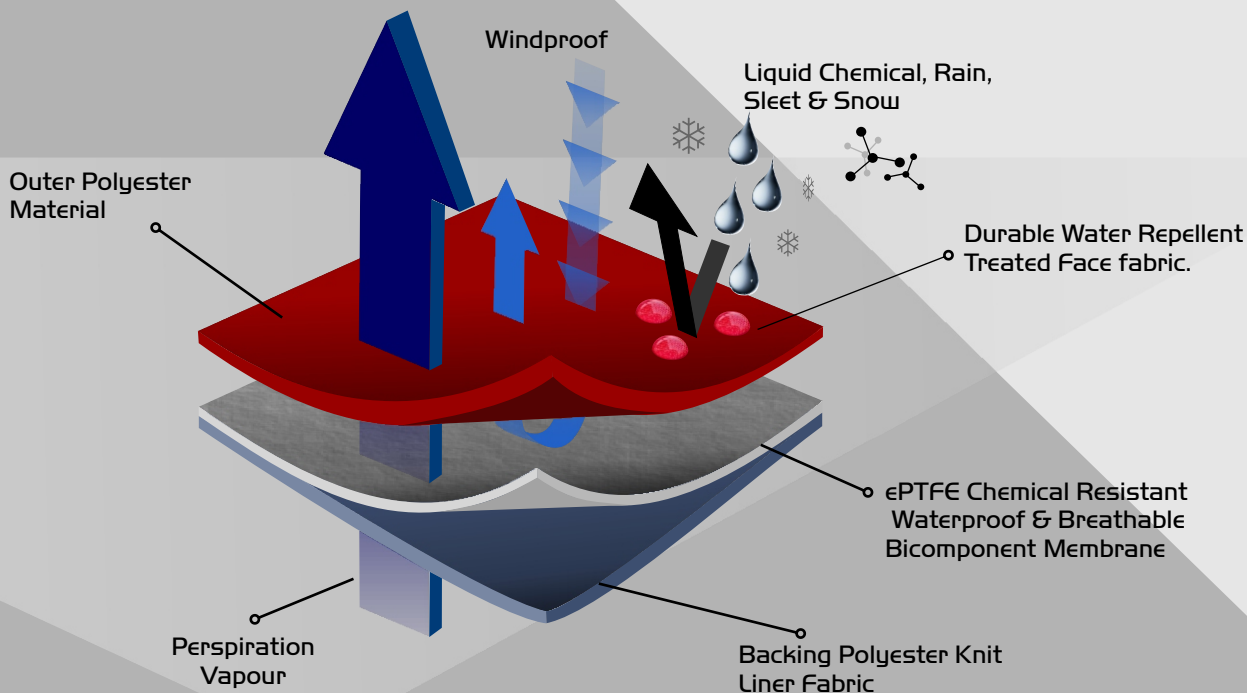


T-CHEM 1

glanda
INTERNATIONAL



ENGINEERED PROTECTIVE APPAREL
FR WET COLD CHEMICAL



T-Chem 1 General Information

Liquid chemical splash protection. These garments offer liquid splash, protection against a wide range of chemicals including many common use acids and bases, aqueous solutions, polymers, and organic solvents, being waterproof it also offers excellent foul weather protection exclusive of chemical exposure. The garments should be used only for those situations where vapour protection is not needed or where vapour exposure is determined to be acceptable by an industrial safety professional.

Breathable. The suit allows perspiration to evaporate through the chemical barrier to the outside. This reduces the build up of heat and sweat inside the suit thereby reducing potential heat stress and allowing the wearer to continue their task in comfort.

Whole garment integrity. Glanda chemical splash suits are seam sealed and sewn with high quality components. These components ensure there are no weak points in the garment construction. The garments have been carefully designed for maximum chemical run off

Washable, reusable and durable. Machine washable enabling the initial investment in the garment to be dispersed over time. Dry Cleanable using perchlorethylene process

WARNING

The Chemical Splash Protective garment does not provide protection for all chemicals or conditions. These garments should only be worn in conditions that have specifically identified as appropriate by people trained in the relevant hazard. It is the user's responsibility to determine the suitability and fitness for use. Consult a trained professional in industrial safety when determining fitness for use. These suits are not suitable for protection against liquid escaping from pressurised systems.

Compliant to NFPA 1992 - 2018
 Chemical resistance testing as per ASTM F903
 method for resistance of materials used in
 protective clothing to penetration by liquids.

Chemical Penetration Data

Chemical	Test Result
Acetone (100%)	>60
Ethyl Acetate	>60
Sodium Hydroxide	>60
Sulphuric acid (98%)	>60
Tetrahydrofuran	>60
Dimethylformamide	>30
Nitrobenzene	>60



Stow a way Hood



Upper Storage Pocket with Hook and loop closure



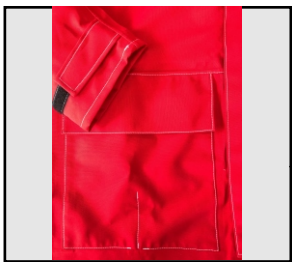
Fully Seam Sealed



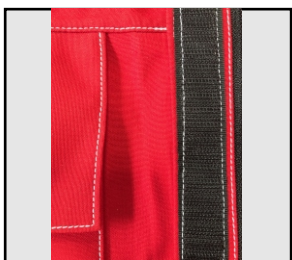
Adjustable Boot Entry with hook and loop tab.



Lower Storage Pocket with Hook and loop closure & Sleeve Tab with hook and loop adjustment with internal elastised cuffs



Sewn using TENARA Gore Sewing Thread



ALL MEASUREMENTS ARE IN CM.

To Fit Body	2XS	XS	S	M	L	XL	XXL	3XL	4XL
Chest Circumference	76	84	92	100	108	116	124	132	140
Waist Circumference	76	84	92	100	108	116	124	132	140
Out Leg	95	97	103	106	112	114	120	123	129
In Leg	65	68	72	74	78	80	85	86	91

Chemical	Concentration	Protection (min)
Ammonium Hydroxide	29.5%	>60
Ammonium Phosphate	saturated	>60
Calcium Hydroxide	30.0%	>60
Fluoboric Acid	48 (v/v)	>60
Hydrochloric Acid	37.3%	>60
Hydrogen Peroxide	90.0%	>60
Nitric Acid	90.0%	30
Oleum (fuming sulfuric)	108.0%	30
Phosphoric Acid	85.0%	>60
Potassium Hydroxide	45.0%	>60
Sodium Hydroxide	50.0%	>60
Sodium Hypochlorite	20.0%	>60
Sulfuric Acid	98.0%	>60
Toluene	100.0%	>60
Acetonitrile	99.0%	>60
Formaldehyde	37.0%	>60
Kerosene	Neat	>60
Ethanolamine	99.0%	>60
Peracetic Acid	35.0%	>60
Sodium Chlorate	saturated	>60
Sodium Chlorite	saturated	>60
Sodium Hydrosulfide	saturated	>60
Sodium Persulfate	saturated	>60
Hydrofluoric Acid	48.0%	>60
Sodium Cyanide	60.0%	>60
Fluorosilicic Acid	20 - 25%	>60

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