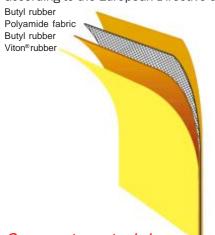
Product sheet -Trellchem® Super type T-ET

Trellchem® Super type T-ET provides protection against hazardous chemicals in liquid, vapour, gaseous and/or solid form and is designed to carry the breathing apparatus outside the suit. Trellchem® Super type T-ET is fully certified in accordance with the the general European standard for gas-tight chemical protection, EN 943-1, as well as the standard for emergency teams (ET), EN 943-2. It is also "wheel-marked" and approved according to the European Directive on Marine Equipment.



Gloves

Separate semi-attached 5-finger gloves made of Viton (butyl rubber, in combination with elastic wrist cuffs for extra safety. The wrist cuffs are easily replaced by a "snap-on" arrangement.



Garment material

Strong and flexible polyamide fabric coated on each side with butyl rubber and with an additional outer layer of Viton "rubber.

Face sealing

The rubber face sealing is anatomically designed for optimum safety and comfort.



Double stitched seam covered on the outside with a Viton® rubber strip. On the inside it is covered with a fabric-reinforced strip.

Footwear

Integrated socks/booties in the garment material. Alternatively, the suit is supplied with fixed nitrile rubber safety boots, certified according to EN 345-2.



Zipper

Long Viton "rubber coated gas-tight zipper (with the metal parts on the inside of the suit) placed diagonally on the front of the suit for easy donning and doffing. The zipper is closing downwards to give the wearer the possibility to check the zipper position (closed/open) and to reach the zipper handle himself. Also, the zipper is protected by an external splash protective flap.



Ventilation

The Trellchem® Super suits are as standard equipped with an integrated possibility for ventilation. The flow rate can be adjusted by the wearer from the outside by a handle on the inlet regulating valve. Standard flow rate approx. 2 alt. 30 l/min (optional approx. 30 alt. 100 l/min). The over pressure is automatically controlled by means of a membrane valve, which is protected by a separate splash protection.



XS S M L XL XXL
Sock 43/9 43/9 43/9 46/11 46/11 46/11

Nitrile boots 41/7 41/7 43/9 45/10 46/2/11/2/46/11/2

Standard size range

Option of XS, S, M, L, XL and XXL.

Size	Wearer's height (cm)		
XS	164-176		
S	170-182		
M	176-188		
L	182-194		
XL	188-200		
XXL	200-212		

Accessories supplied with each suit

Each suit is delivered with 1 pair of separate cotton comfort inner gloves, 1 pair of Viton // butyl rubber gloves incl 1 pair of elastic bands, 1 coat hanger type "T", 1 grease stick for lubrication of the zipper, 1 black polyethylene protective cover and 1 comprehensive manual with technical data.

Trellchem® Hood

The Trellchem[®] Hood is one of many accessories that are available. It is required to be worn for the EN 943 approval to be valid.



Standards

The Trellchem[®] Super type T-ET is fully certified in accordance with the the general European standard for gas-tight chemical protection, EN 943-1, as well as the standard for emergency teams (ET), EN 943-2. It is also approved according to the European Directive 96/98/EC on Marine Equipment and bears the wheel mark.

References

Trellchem[®] suits are in world-wide use by leading hazmat, rescue and fire fighting teams, armed forces, military defence, civil defence as well as in the industry.

PERMEATION TEST RESULTS (ASTM F 739, 0,1 μg/cm²*min)

Chemical	BT Time (min)	Chemical	BT Time (min)
Acetic anhydride	> 480	*Hydrogen chloride	> 480
*Acetone	> 4801	Isoprene	> 480
*Acetonitrile	> 4801	JP-4	> 480
Acetyl chloride	> 480	*Methanol	> 4801
Acrylic acid	> 480	*Methyl Chloride	> 480
*Anhydrous ammonia	> 4801	Methyl ethyl ketone	> 173
Aniline	> 480	Methyl metacrylate	> 480
Bromine	45	Monochlorobenzene	> 480
*1,3-Butadiene	> 480	Nitric acid 70 %	> 480
*Carbon disulfide 95%	> 4801	*Nitrobenzene	> 480
*Chlorine	> 4801	Nitromethane	> 480
*Dichloromethane	> 581	Oleum	> 480
*Diethyl amine	> 53¹	Phenol	> 480
*Dimethyl formamide	> 480	Phosphoric acid 85 %	> 480
Dimethyl hydrazine	> 480	Phosphorous trichloride	> 150
Dimethylsulfoxide	> 480	Pyridine	315
Epichlorohydrine	> 480	*Sodium hydroxide	> 4801
*Ethyl acetate	> 2521	*Sulphuric acid	> 4801
Ethylene glycol	> 480	*Tetrachloroethylene	> 143
*Ethylene oxide	> 480	<u>*Tetrahydrofuran</u>	> 281
Formaldehyde 37%	> 480	<u>*Toluene</u>	> 741
Formic acid 96%	> 480	Tribromophenol	> 480
Furfual	> 480	Trichloroacetic acid	> 480
*Hexane	> 4801	Triethylamine	> 480
Hydrazine	> 480	Triethylenetetramine	> 480
Hydrochloric acid 37 %	> 480	Vinyl acetate	> 480
Hydrofluoric acid 49 %	> 480	Vinyl chloride	> 480

^{*} NFPA 1991 chemical test battery

Underlined chemicals=EN 943-2 chemical test battery

BT=Breakthrough

¹ Performed according to EN 374 (breakthrough criterion 1µg/cm^{2*}min)



Trelleborg Protective Products AB, P.O.Box 1520, SE-271 00 Ystad, Sweden Phone: +46 411 67940, Fax: +46 411 15285

E-mail: protective@trelleborg.com Internet: www.trelleborg.com/protective