

TRELLFLEX CHEM PTFE 14 SS

CHEMICAL PETROCHEMICAL

Composite hoses/Chemical and corrosive products



Applications

Suction and discharge of a large number of very aggressive or very corrosive chemicals, chemical waste.

For road and rail tanker equipment or fixed installations in the chemical industry.

Advantages

- Easy to handle due to hose flexibility (low bending radius).
- Usable at a wide range of temperatures.
- Capable of handling many different chemicals.
- External helix in stainless steel designed for corrosion resistance.

Technical description

Internal helix: stainless steel 304L (stainless steel 316L on request).

Inner tube: PTFE film.

Reinforcement: polypropylene layers.

Cover: PVC coated fabric, red, corrugated.

External helix: stainless steel.

Temperature range: - 30 °C to + 80 °C.

Electrical properties: ≤ 2.5 Ω/m for DN < 50 mm
≤ 1.0 Ω/m for DN ≥ 50 mm.

Standard/Approval: EN 13765 and ADR.

Couplings/Fittings

All types of swaged couplings.

Semi-symmetrical: aluminium, gun-metal, stainless steel, polypropylene.

Knuckles thread swivel, male and female: aluminium or gun-metal.

Cam action quick couplings (Kamlok type).

Fixed or swivel ISO PN 10, ISO PN 20.

Complementary information

Fitted lengths are delivered on request with pressure test certificate.

Imperial size on request.

ID	OD	Working pressure	Bursting pressure	Max vacuum	Bending radius	Weight	Length	Notes
mm	mm	bar	bar	bar	mm	kg/m	m	
25	37	14	56	0.9	100	0.84	30	
32	43	14	56	0.9	120	1.03	30	
40	52	14	56	0.9	140	1.26	30	
50	62	14	56	0.9	180	1.55	30	
65	78.5	14	56	0.9	200	2.51	30	
80	95	14	56	0.9	280	2.88	30	
100	121	14	56	0.9	400	4.70	30	
125	149	14	56	0.9	450	8.16	15	
150	180	14	56	0.9	500	10.80	20	
200	234	14	56	0.9	740	17.60	20	
250	297	14	56	0.9	920	22.50	12	

Length in orange = stock item. Length in black = non stock (consult us for minimum quantity of order).

Branding:



TRELLFLEX CHEM PTFE - EN 13765:2010 - Type 3 - DN - WP 14 bar - + 80 °C - PTFE - QQ/YYYY