

# TRELLFLEX CHEM 14 SS

## CHEMICAL PETROCHEMICAL

Composite hoses/Chemical and corrosive products



### Applications

Suction and discharge of a large number of aggressive or corrosive chemicals, chemical waste, and all petroleum products with aromatic content up to 100 %.

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:** polypropylene film.

**Reinforcement:** polypropylene layers.

**Cover:** PVC coated fabric, grey, 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 mm	OD mm	Working pressure bar	Bursting pressure bar	Max vacuum bar	Bending radius mm	Weight kg/m	Length m	Notes
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 - EN 13765:2010 - DN - Type 3 - WP 14 bar - + 80 °C - PP - QQ/YYYY