

# TRELLFLEX CHEM PTFE 14 SG

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