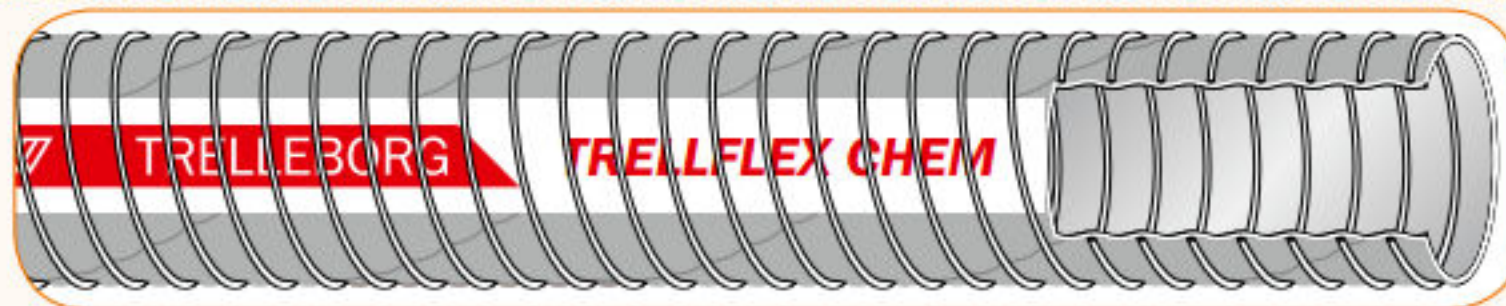


# TRELLFLEX CHEM 10 SG

## 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:** galvanized steel.

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

**Electrical properties:** ≤ 1.0 Ω/m

**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         |       |
| <b>50</b>  | 62   | 10               | 40                | 0.9        | 180            | 1.97   | <b>30</b> |       |
| <b>65</b>  | 78.5 | 10               | 40                | 0.9        | 200            | 2.82   | 30        |       |
| <b>80</b>  | 95   | 10               | 40                | 0.9        | 280            | 3.30   | <b>30</b> |       |
| <b>100</b> | 118  | 10               | 40                | 0.9        | 400            | 3.96   | 30        |       |

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

Branding:

 **TRELLEBORG** **TRELLFLEX CHEM - EN 13765:2010 - DN - Type 2 - WP 10 bar - + 80 °C - PP - QQ/YYYY**