

# PTFE 300 SD - STANDARD DUTY

**COMPOTEC®**



## STANDARD DUTY PTFE SUCTION & DISCHARGE HOSE

**Applications :** General purpose Standard Duty hose suitable for the safe transfer of a wide variety of Chemicals under suction or pressure where the chemical resistance of polypropylene is inadequate. Commonly used for loading and unloading of road and rail tankers, storage tank and in-plant applications.

**Construction:** Inner first layer in contact with the fluid is made with **ECTFE** films. High strength polypropylene films and fabrics, high density polyethylene films reinforcement, Poliviny coated polyester fabric cover, fire resistant, abrasion, weather and ozone resistant. **PTFE SD**, the Standard Duty hose has a WP of 10 Bar and a W.T. from -30 to +80°C

**EN 13765:2010 TYPE 2**

| Size  |        | Maximum W.P. |        | Safety Factor | Bend Radius EN ISO 1746 |      | Weight Kg. / mt | Maximum Length |      |
|-------|--------|--------------|--------|---------------|-------------------------|------|-----------------|----------------|------|
| mm    | Inch   | Bar          | P.S.I. |               | mm                      | Inch |                 | Mt.            | Feet |
| 40    | 1 1/2" | 10           | 150    | 5:1           | 100                     | 4    | 1,04            | 40             | 132  |
| 50    | 2"     | 10           | 150    | 5:1           | 150                     | 6    | 1,56            | 40             | 132  |
| 65    | 2 1/2" | 10           | 150    | 5:1           | 200                     | 8    | 1,87            | 40             | 132  |
| 75/80 | 3"     | 10           | 150    | 5:1           | 250                     | 10   | 2,23            | 40             | 132  |
| 100   | 4"     | 10           | 150    | 5:1           | 300                     | 12   | 3,62            | 40             | 132  |
| 150   | 6"     | 10           | 150    | 5:1           | 500                     | 20   | 8,91            | 40             | 132  |
| 200   | 8"     | 10           | 150    | 5:1           | 740                     | 29   | 11,16           | 40             | 132  |

| Code         | PTFE SD XX  |
|--------------|---|
| Applications | Standard Duty aggressive chemical liquid transfer |
| Colour       | Red   |
| Temperature  | -30 +80°C   |
| Inner wire   | Stainless Steel                                   |
| Outer wire   | Stainless Steel                                   |

Electrical continuity is achieved by the two wires bonded to the end fittings, this helps dissipate accumulated charge and to avoid static flash. The electric resistance of hose assemblies is less than 1 ohm/mt, as required by EN ISO 8031:2009 - 4.7. Upon request it's possible to manufacture **COMPOTEC® PTFE** hoses in accordance to the Directive 94/9/EC "**ATEX**", with a special outer antistatic black cover.

All **COMPOTEC® PTFE** hoses are 100% Antistatic - Electrically continuous, meets the PED, EN, CE, AS, U.S. Coast Guard requirements, NAHAD Guidelines, are Lloyds and DNV approved and ATEX certificate can be released on request.