

COMPOTEC VAPORCHEM LD 5

EN 13765:2015 TYPE 1



COMPOTEC® CHEM is a multi-layer thermoplastic hose manufactured from Polypropylene, Polyethylene and Polyester films and Polypropylene fabrics, with a weather-proof and abrasion resistant outer cover made of Polyvinyl coated Polyester fabric. Outer cover is also available in **ELASTOTHANE®**, a special PU coated fabric; its UV, Ozone, Sunlight and weathering resistance, offers superior temperature and abrasion characteristics. All the different layers are wrapped together and tensioned between internal and external wire spirals. This enables our product to meet the requirement of the Petrol-chemical industry and those of the Oil & Gas industry. **COMPOTEC® CHEM** assemblies are fitted with an extensive range of couplings readily available, externally swaged with crimping ferrules. **COMPOTEC® CHEM** assemblies are tested at 1 1/2 times rated working pressures for safety and reliability, in accordance with EN ISO 1402. The securing ferrule, at one end of the hose, is permanently marked by engraving, with manufacturer's name, nominal bore, the hose assembly serial number and the test date. The marking of hose assemblies is made in compliance with **PED** Directive (97/23/ CE). Full test certification can be supplied on request. **COMPOTEC® CHEM** hoses can be supplied in the **FIRETEC** version with ADR self-extinguish CL1 cover and additional fireproof layers. Burst pressure indicated, is at ambient temperature when tested in accordance with EN ISO 1402. Electrical continuity is achieved by the two wires bonded to the end fittings; this helps dissipate accumulated charge and to avoid static flash. Upon request it's possible to manufacture **COMPOTEC® CHEM** hoses in accordance to the Directive 94/9/EC "**ATEX**", with a special outer antistatic black cover and ground connection cable, for explosive environment. **COMPOTEC® CHEM 700 HD** and **CHEM SD** are chemically compatible and mechanically engineered to handle a wide range of hazardous chemicals. Extremely flexible, easy to handle and bend, all hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge. Vacuum rating is 0,9 bar, according to the EN ISO 7233 method B.

Applications: General purpose Light Duty hose, is ideal for use for petrochemical vapor recovery systems in Ship to Shore, Ship to Ship, bottom loading and tank truck operations. Complies with USCG Marine Vapour control system 33CFR Part 154.810

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

Materiaal binnenwand	Polypropyleen
Aantal spiralen	2
Aantal inlagen	Multilayer
Assemblage artikel	Ja
Branche	Chemie- en petrochemie, Maritiem en Offshore, Transport
Norm	EN 13765:2015 TYPE 1
Temperatuurbereik	-30 tot +80 °C

Opties materialen spiralen

Materiaal binnenspiraal	x	Materiaal buitenspiraal
Polypropyleen gecoat staal		Gegalvaniseerd staal
Polypropyleen gecoat staal		RVS 304 / RVS 316
RVS 316		Gegalvaniseerd staal
RVS 316		RVS 316 / RVS 304

Opties kleuren

Kleur buitenwand
Geel
Andere kleuren mogelijk op aanvraag

Inw. diameter	Werkdruk	Barstdruk	Buigradius	Gewicht
40 mm	5 bar	20 bar	100 mm	1040 gr/mtr
50 mm	5 bar	20 bar	150 mm	1330 gr/mtr
65 mm	5 bar	20 bar	200 mm	1850 gr/mtr
75 mm	5 bar	20 bar	250 mm	2130 gr/mtr
80 mm	5 bar	20 bar	250 mm	2130 gr/mtr
100 mm	5 bar	20 bar	300 mm	2970 gr/mtr
125 mm	5 bar	20 bar	400 mm	5250 gr/mtr
150 mm	5 bar	20 bar	500 mm	6830 gr/mtr
200 mm	5 bar	20 bar	740 mm	9910 gr/mtr
250 mm	5 bar	20 bar	1000 mm	14790 gr/mtr
300 mm	5 bar	20 bar	1200 mm	19960 gr/mtr