COMPOTEC BLH

EN 13765:2015 TYPE 3

Applications

COMPOTEC ® BLH Bottom Loading hose is a strong, robust and low elongation hose, suitable for the most demanding applications such as Loading arms, Hose towers, for transfer of : A wide variety of acids and solvents (BLH CHEM), Aggressive chemicals (BLH PTFE) and Hydrocarbon products including fuel oils, diesel, leaded and unleaded gasline, lubricating oils, kerosene, MTBE and 100% aromatics (BLH OIL). The major advantage of a BOTTOM LOADING hose, versus a traditional Loading Arm, is that it does have a minimum number of connections, therefore eliminating much of the potential leak problems, minimizing the general costs.

Construction

A specially **FIRETEC** designed hose for bottom loading applications having flame-resistant fabric under outer cover. Extra strong / low elongation **ARAMEX** reinforcement, polypropylene films and fabrics, high density polyethylene films reinforcement, and Polyester film barrier layers. PVC coated polyester fabric cover, fire resistant CL1, abrasion, weather and ozone resistant. On request, special **ELASTAR** outer PU based cover is available for superior abrasion and weather resistance, or in the Marine enviromentals. COMPOTEC® BLH PTFE, is constructed around a pure PTFE inner liner or **NANOTEC®** (PATENT n. IT 0281052) liner on request, for superior resistance to aggressive chemicals.

Specifications

Temperature range from -40°C to + 100°C
W.P. 15 Bar - Safety factor 5:1

COMPOTEC® BLH hose 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 embossing, with manufacturer's name, nominal bore, serial number and the test date. Full test certification, including Electrical continuity test, can be supplied on request. Burst pressure indicated, is at ambient temperature when tested in accordance with EN ISO 1402 (BS 5173 section 102.10:1990). 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® BLH hoses in accordance to the Directive 94/9/EC "ATEX", with a special outer antistatic black cover and cable for ground connection. Assemblies are suitable for use with a vacuum not exceeding 0.9 Bar. According to the Standard BS 3492:1987 description, COMPOTEC ® BLH hose meets the requirements for type AX & BX, for all products included in "Class 1". COMPOTEC ® BLH hoses are always supplied in the **FIRETEC** version to meet the Fire retardand performance criteria acc. to European Standards EN 13765:2010 Normative, Annex G, and with ADR self-estinguish CL1 characteristics. **FIRETEC** hose utilize a series of fire retardant barriers and an outer cover made of special ADR self extinguish CL 1 coated fabric.

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 3
Temperatuurbereik	-40 tot +100 °C

Opties materialen spiralen

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

Opties kleuren

Kleur buitenwand
Zwart
Andere kleuren mogelijk op aanvraag

Inw. diameter	Werkdruk	Barstdruk	Buigradius	Gewicht
50 mm	16 bar	80 bar	150 mm	2500 gr/mtr
65 mm	16 bar	80 bar	175 mm	3500 gr/mtr
75 mm	16 bar	80 bar	200 mm	4000 gr/mtr
80 mm	16 bar	80 bar	200 mm	4000 gr/mtr
100 mm	16 bar	80 bar	360 mm	5800 gr/mtr
125 mm	16 bar	80 bar	414 mm	9200 gr/mtr
150 mm	16 bar	80 bar	500 mm	12500 gr/mtr
200 mm	16 bar	80 bar	800 mm	17500 gr/mtr
250 mm	16 bar	80 bar	1000 mm	25000 gr/mtr
300 mm	16 bar	80 bar	1200 mm	35000 gr/mtr