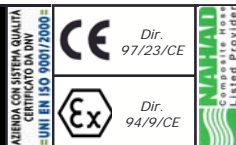



FIRETEC Fire Retardant Hoses



COMPOTEC®

COLOUR	FIRETEC CHEM: Green FIRETEC OIL: Blue FIRETEC PTFE: Red FIRETEC GLASS: White - Glass fabric outer coating FIRETEC KEVLAR®: Yellow - Aramidic fabric outer coating FIRETEC SILIJACKET: Red - Silicone impregnated Kevlar fabric outer coating	
WIRES	P = Black antistatic Polypropylene coated carbon steel wire Z = Galvanised carbon steel wire X = Stainless Steel wire	
CONSTRUCTION	Standard COMPOTEC® FIRETEC hoses are multi-layer thermoplastic hose manufactured from PTFE, Polyester Mylar, Polypropylene, Polyethylene films and Polypropylene fabrics, with a weather-proof and abrasion resistant outer cover made of special ADR self extinguish CL 2 coated fabric. Additional fire resistant films and fabrics are included in the construction to ensure a good thermal insulation and a low conductivity from the outside to the inside. The special series of COATED FIRETEC hoses, have additional external heat resistant layers, to withstand the action of eventual splashes of fused metals. The coating can be made in various materials: Glass fabric type E, with good thermal characteristics Kevlar® fabric, with excellent mechanical characteristics and very good abrasion resistance Silijacket , a red silicone impregnated Kevlar® fabric, combines handling properties and temperature resistance. All the different layers are wrapped together and tensioned between internal and external wire spirals.	

CHARACTERISTICS AND APPLICATIONS

COMPOTEC® FIRETEC is manufactured according to the requirement specified by the European Standards EN 13765:2003 Type 2 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005).

Standard COMPOTEC® FIRETEC hoses are used to convey flammable products, including ship to shore, storage, and in plant installations, bottom loading within the petroleum industry. Fire retardant performance meets the criteria to European Standards EN 13765:2003 Normative Annex G. Extremely flexible, easy to handle and bend, COMPOTEC® FIRETEC hoses are used in such applications as transfer for rail and road tanker loading and discharging, storage tank and in-plant use. Specifically engineered to handle chemicals, fuels, petrol, diesel, lubricating oils, all hoses are 100% aromatic resistant and perfectly antistatic and can be used for fluid delivery or vapour's suction. **The special series of COATED FIRETEC hoses, are used for cooling application in the Steel industry.** COMPOTEC® FIRETEC assemblies are fitted with an extensive range of couplings readily available, externally swaged with Stainless Steel or Aluminium ferrules. On specific request, it is possible to supply hoses electrically discontinuous (non conductive), in particular for the Induction ovens in Steel plants.

SAFETY

COMPOTEC® FIRETEC assemblies are tested at 1 ½ times rated working pressures for safety and reliability, in accordance with BS 5842:1980 clause 6.4 (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 can be supplied on request.

A 3 mt x 6" assembly of COMPOTEC® FIRETEC hose, filled with liquid F of iso 1817, has been independently tested in an outdoor application, and subjected to direct naked flame. After the test, the hose has maintained its structure intact, with no significant alteration.

Size		Maximum W.P.		Min. Burst (EN ISO 1402)		Bend Radius (EN ISO 1746)		Weight		Maximum Length	
mm	Inch	Bar	P.S.I.	Bar	P.S.I.	mm.	Inch	Kg / mt.	Lb/Ft	Mt	Feet
20	¾"	15	200	75	1000	80	3	1,1	0.7	35	120
25	1"	15	200	75	1000	100	4	1,2	0.8	35	120
32	1 ¼"	15	200	75	1000	100	4	1,6	1.1	35	120
40	1 ½"	15	200	75	1000	125	5	2,0	1.3	35	120
50	2"	15	200	75	1000	200	8	2,9	1,9	35	120
65	2 ½"	15	200	75	1000	220	9	3,8	2.5	35	120
75	3"	15	200	75	1000	250	10	4,7	3.1	35	120
80	3 5/32"	15	200	75	1000	250	10	5,1	3.4	35	120
100	4"	15	200	75	1000	350	14	6,9	4.6	35	120
150	6"	15	200	75	1000	500	20	15,1	10.1	20	65
200	8"	15	200	75	1000	700	28	22,5	15.0	20	65
250	10"	12	170	60	850	900	35	31,0	20.7	12	40

- All hoses are available in an assortment of colours and it is possible, on request, and with a minimum purchase order, to add a "customer labelling" or "product labelling" to the outside wall
- Burst pressure indicated is at ambient temperature. Maximum temperature rating can only be maintained when working within limits of working pressure
- Each hose assembly is permanently marked on the ferrule at one end according to EN 13765:2003 clause 10.1 – 10.2