

Fire RetardantTM Composite Hose

description

Fire retardantTM Composite Hoses are specially designed to safeguard the hoses and the environment from catastrophic situation. Additional Fire resistant films and fabrics are included in the construction. These hoses are covered with special fiber glass fabric coated with fire retardant PVC to ensure a good thermal insulation and a low conductivity from the outside to the inside. The coating can be made in various color:

Fire Retardant HoseTM

- Fire Retardant Trans chem
- Fire Retardant Trans oil
- Fire Retardant Solflon
- Fire Retardant Transmarine
- Fire Retardant Chem marine

colour code

CHEMICAL : Gray
 OIL : Blue
 AGGRESSIVE CHEM : Red

principal applications

Fire Retardant hoses are used for transferring flammable products including ship to shore, storage, and in plant installations, bottom loading within the petroleum industry. Fire retardant performance meets the criteria to EN 13765:2003 Normative Annex G Standards. It is extremely flexible, easy to handle and bend. 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 vapor's suction. The special series of COATED FIRE RETARDANT hose assemblies are fitted with an extensive range of couplings readily available, externally swaged with Stainless Steel or aluminum-ferrules.

manufacture

These hoses are 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).

assemblies

These hoses assemblies are fitted with our in-house developed special fittings, specifically constructed to allow both inner and outer spiral wires of the hose to be positively connected to the fittings for electrical continuity.



Safety

Fire Retardant hoses 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 Hose is permanently marked on the tape for manufacturer's logo, plus other datas as per customer requirement.

Specifications

nominal bore mm	outside dia mm	bend radius mm	pressure nominal		weight per meter Kg / m	Std. Prod. Length Meter
			Psi	Bar		
25	41	100	200	14	1.00	30
38	54	135	200	14	1.25	30
50	65	175	200	14	2.10	30
65	80	220	200	14	2.65	30
75	94	290	200	14	3.90	30
100	120	430	200	14	6.50	30
150	175	550	200	14	10.50	30
200	240	750	200	14	14.30	20
250	290	920	150	10	20.30	20

Safety factor of 5 : 1

Complies with BS 5842:1980 Standard on demand.