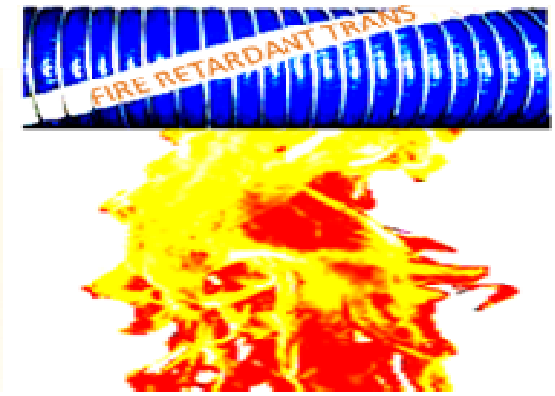
Fire Retardant ™ Composite Hose

description

Fire retardant ™ 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 Hose

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

TM

colour code

CHEMICAL	:	Gray
OIL	:	Blue
AGGRESSIVE CHEM	:	Red

principal applications

Fire Retardant hoses are used for transfering 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.

standard production lengths

1" ~ 8" = 20 meters , 10" = 12 meters

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 Bar	pressure nominal psi	weight per meter Kg / m
25	40	100	14	200	1.00
38	52	125	14	200	1.50
50	67	200	14	200	2.10
65	83	220	14	200	2.80
75	98	250	14	200	3.90
100	120	400	14	200	6.80
150	175	570	14	200	11.50
200	240	790	14	200	16.80
250	290	990	10.5	150	22.00

Safety factor of 5 : 1

Complies with BS 5842:1980 Standard on demand.

data sheet – CM 036 (26.09.14)

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