

Description

Composite hose made from polypropylene fabrics and films with an abrasion resistant PVC coated fabric cover, reinforced with internal and external wire helixes. The hose contains a barrier layer for 100% aromatic hydrocarbons.

Principal Applications

Transfuel Light is a light weight suction discharge hose mainly for the transfer of petroleum products by road and rail tankers, for applications where the weight of the hose is an issue, The aluminium inner wire provides the lighter weight. The crush resistance of the hose is not as good as it is a hose with an inner and outer steel wire. This hose is suitable for **Aviation Fuel**.



Standards

Manufactured to the specifications where applicable to EN 13765 Type 2

Temperature

Depending on the conveyant -20°C to +80°C

Special application

Transfuel light can be supplied with outer wire in Aluminium also. This hose is called **TRANSFUEL Light Light Antispark** composite hose with yellow outer cover. We can supply these hoses with aluminium ferrule.

Construction

Inner wire : Aluminium

Lining : Polypropylene Fabric

Outer cover : PVC Coated Terylene Weave Fabric

Colour Code : Yellow outer cover with white stripe

Outer Wire : Galvanised zinc coated mild steel

Physical Properties

Max. Elongation : 10% on proof pressure

Maximum Twist : 10° /mtr

Vacuum range : 0.9 bar

Electrical resistance : 2.5 Ohms/mtr < 2" Hose
1.0 Ohms/mtr > 2" Hose

Specification

Bore diameter		Bend radius		Max work. pressure		Weight / meter		Maximum length	
mm	inch	mm	inch	psi	bar	Lbs/Ft	kg/m	meter	Feet
25	1	50	2.0	150	10	0.54	0.80	20	65
38	1.5	75	3.0	150	10	0.67	1.00	20	65
50	2	80	3.1	150	10	0.81	1.20	20	65
65	2.5	90	3.5	150	10	1.21	1.80	20	65
75	3	115	4.5	150	10	1.48	2.20	20	65
100	4	200	7.8	150	10	2.02	3.00	20	65

Minimum Burst Pressure: 4 times Working Pressure (safety factor 4:1)

NOTE: This information is for guidance only, dimensions and weights shown are approximate.

We reserve the right to alter or amend specifications as deemed necessary.

RADCOFLEX® reserves the right to change product specifications without notice.

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