

Description

Composite hose made from polypropylene fabrics and films with an abrasion resistant PVC coated fabric cover, reinforced with internal and external wire helices. The hose contains a barrier layer for 100% aromatic hydrocarbons. The hose can be covered with rope lagging for external protection if required.

Principal Applications

Transoil is especially for the suction and discharge transfer of petroleum products in in-plant, Bottom loading and light duty dockside applications. It is excellent hose for conveying tallow and high aromatic hydrocarbons.



Standards

Manufactured to the specifications where applicable to EN 13765 Type 2

Temperature

Depending on the conveyant -30°C to +80°C

Special application

Transoil can be supplied with Stainless Steel outer wire also. This hose is called Transoil-S

Construction

Inner wire : Galvanised zinc coated mild steel

Lining : Polypropylene Fabric

Outer cover : PVC Coated Terylene Weave Fabric

Colour Code : Black/Blue 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	90	3.5	150	10	0.67	1.00	30	100
38	1.5	120	4.7	150	10	1.08	1.60	30	100
50	2	150	5.9	150	10	1.34	2.00	30	100
65	2.5	180	7.1	150	10	1.81	2.70	30	100
75	3	250	9.8	150	10	2.15	3.20	30	100
100	4	350	13.8	150	10	3.56	5.30	30	100

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.