

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. The hose can be covered with rope lagging for external protection if required.

Principal Applications

Transoil-MD (Medium Duty) is suitable for the suction and discharge transfer of petroleum products in in-plant. 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

Construction

Inner wire : Galvanised zinc coated mild steel

Lining : Polypropylene Fabric

Outer cover : PVC Coated Terylene Weave Fabric

Colour Code : Black outer cover with yellow 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.