

Description

Gemflex Composite Hose made from Poly propylene fabrics and films with an abrasion resistant PVC Coated fabric reinforced with internal and external wire. The composite hose contains layers for 100% aromati hydrocarbons

Applications

Gemfuel Light Hose is suction and discharge for transfer of petroleum product by rail tankers and road tankers. The aluminum inner wire provides the lighter weight. Where the weight of the hose is an issue. This Composite Hose is suitable for **Aviation Fuel**.



Hose Specification

Inner wire	:	Aluminum
Inner Layers	:	Polypropylene Fabric
Outer Cover	:	PVC Coated Fabric
Brand Colour	:	Black/Yellow with ID Strip
Outer wire	:	Galvanised Mild Steel
Vacuum range	:	0.9 bar
Electric resistance	:	≤ 2" Hose pr/mtr 2.5 Ohms ≥ 2" Hose pr/mtr 1.0 Ohms

Manufacturing Standards

Applicable to EN 13765 Type 1

Operating Temperature

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

Specifications

Bore Diameter		Bend Radius	Hose Work Pressure		Weight / Meter	Maximum Length	
inch	mm	mm	bar	psi	Kg/m	meter	Feet
1	25	50	10	150	0.85	20	65
1.5	38	75	10	150	1.20	20	65
2	50	80	10	150	1.35	20	65
2.5	65	90	10	150	1.60	20	65
3	75	115	10	150	2.15	20	65
4	100	200	10	150	3.20	20	65

Minimum. Burst Pressure : Safety factor 4:1 (4 times of working Pressure)

Note: Above Mentioned information only for guidance, weight and dimensions shown are approximate



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