

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.

Principal Applications

VRH is suitable for the transfer of hydrocarbon vapours and is used generally within the petroleum industry for their vapour recovery systems.



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 or 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

Standards

Manufactured to the specifications where applicable to EN13765 Type 1

Temperature

Depending on the conveyant -20°C to +60°C

Specifications

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	0.67	1.00	20	65
38	1.5	75	3.0	150	10	0.94	1.40	20	65
50	2	80	3.1	150	10	1.04	1.55	20	65
65	2.5	90	3.5	100	7	1.61	2.40	20	65
75	3	125	4.9	100	7	1.98	2.95	20	65
100	4	200	7.9	100	7	2.08	3.10	20	65
150	6	320	12.6	100	7	4.03	6.00	20	65
200	8	500	19.6	100	7	6.72	10.00	20	65
250	10	800	31.5	100	7	8.73	13.00	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.

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