

Description

Composite hose made from polypropylene fabrics and films with an abrasion resistant PVC coated fabric cover, reinforced with internal and external wire helixes.

Principal Applications

Transgas hose in general is suitable for the transfer of cryogenic conveyants down to -50°C , liquid petroleum gas (LPG) handling and can be used for other conveyants as per Conveyant Compatibility Guides, to transport LPG's, it is standard practice to liquefy them either by refrigeration down to -50°C , or by pressurisation at approximately 20 Bar pressure at ambient temperature



Standards

Manufactured to the specifications where applicable to EN 13766 Class A Type 1 (25-100mm)

Note: The 150 and 200mm hoses have a lower pressure rating than the above Standards and due care must be taken in their selection.

Temperature

Depending on the conveyant -50°C to $+45^{\circ}\text{C}$

Construction

Inner wire : SS 316L

Lining : Polyamide Fabric

Outer cover : Polyamide Fabric

Colour Code : White outer cover

Outer Wire : SS 316L

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	150	5.90	360	25	0.60	0.90	30	100
38	1.5	175	6.88	360	25	0.81	1.20	30	100
50	2	200	7.87	360	25	1.34	2.00	30	100
65	2.5	200	7.87	360	25	1.88	2.80	30	100
75	3	250	9.84	360	25	2.22	3.30	30	100
100	4	500	19.68	360	25	3.56	5.30	30	100
150	6	660	25.98	290	20	8.06	12.00	30	100
200	8	910	35.82	290	20	10.41	15.50	20	65
250	10	1100	45.08	217	15	12.90	19.20	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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