

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 standard manufacture is with SS 316L inner and outer wires.

Principal Applications

Chemarine is suitable for heavy duty suction and discharge of bulk chemicals in dockside and ship to shore applications.



Standards

Manufactured to the specifications where applicable to EN 13765 Type 3

Temperature

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

Special application

Chemmarine-S -(Inner) SS 316L

Chemmarine-P -(Inner) Polypropylene coated steel

Chemmarine-F -(Inner) SS 316L

Construction

Inner wire : SS 316L

Lining : Polypropylene Fabric

Outer cover : PVC Coated Terylene Weave Fabric

Colour Code : Orange 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

(Outer) SS 316L

(Outer) Galvanised zinc coated mild steel

(Outer) Galvanised zinc coated mild steel
Inner lining: PTFE

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	125	4.9	200	14	0.73	1.10	30	100
38	1.5	150	5.9	200	14	1.14	1.70	30	100
50	2	190	7.5	200	14	1.41	2.10	30	100
65	2.5	200	7.9	200	14	1.91	2.85	30	100
75	3	300	11.8	200	14	2.55	3.80	30	100
100	4	430	16.9	200	14	3.76	5.60	30	100
150	6	550	21.6	200	14	8.66	12.90	30	100
200	8	750	29.5	200	14	11.42	17.00	20	65
250	10	1000	39.3	150	10	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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