

Description

Composite hose made from heavy duty polypropylene fabrics and films with a double layer of abrasion resistant PVC coated fabric cover, reinforced with internal and external wire helixes. The standard manufacture is with SS 316L inner wires with inner lining of PTFE.

Principal Applications

Chemarine-F is suitable for heavy duty suction and discharge of bulk chemicals in road and rail tanker, dockside and ship to shore applications. The addition of the PTFE liner makes it suitable for most aggressive chemicals & searching solvents.



Standards

Manufactured to the specifications where applicable to EN 13765 Type 3

Temperature

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

Special application

Chemarine-F can be supplied with SS 316L outer wire also. This hose is called **Chemarine-FS**

Construction

Inner wire : SS 316L

Lining : PTFE

Outer cover : PVC Coated Terylene Weave Fabric

Colour Code : Red 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

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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