CHEMARINE®-P RADCOFLEX

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 Polypropylene coated inner wire.

Principal Applications

Chemarine-P is suitable for heavy duty suction and discharge of bulk chemicals in road and rail tanker,dockside and ship to shore applications.

Construction

Inner wire : Polypropylene coated steel wire
Lining : Polypropylene fabric
Outer cover : PVC Coated Terylene Weave Fabric
Colour Code : Grey 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

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

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.

CM 034.2-CHEMARINE-P COMPOSITE HOSE