

## 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 helices. 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

<b>Inner wire</b>	:	Polypropylene Coated steel wire
<b>Lining</b>	:	Polypropylene Fabric
<b>Outer cover</b>	:	PVC Coated Terylene Weave Fabric
<b>Colour Code</b>	:	Grey outer cover with white stripe
<b>Outer Wire</b>	:	Galvanised zinc coated mild steel

## Physical Properties

<b>Max. Elongation</b>	:	10% on proof pressure
<b>Maximum Twist</b>	:	10° /mtr
<b>Vacuum range</b>	:	0.9 bar
<b>Electrical resistance</b>	:	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**.

## 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	125	4.9	200	14	0.87	1.30	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	1.95	2.90	30	100
75	3	300	11.8	200	14	2.35	3.50	30	100
100	4	430	16.9	200	14	3.70	5.20	30	100
150	6	550	21.6	200	14	8.06	12.60	30	100
200	8	750	29.5	200	14	10.75	16.00	20	65
250	10	1000	39.3	150	10	13.00	19.30	20	65

**Minimum Burst Pressure:** 5 times Working Pressure (safety factor 5:1)

**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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