

# Gemdock-SS PTFE Heavy Duty Hose

# GEMFLEX

## Description

**Gemflex** Composite Hose made from Heavy duty Poly propylene fabrics and films with a double layers of abrasion resistant PVC Coated fabric reinforced with internal and external wire . This hoses is lined with Polytetrafluoroethylene(PTFE) Flim. Additionally Rope lagging will Coverd for external production if required

## Applications

Gemdock-SS Chemical Hose is Heavy Duty suction and discharge for transfer bluck of Aggressive Chemicals Products in road, rail tanker and Harbour Dockside Ship to Shore applications.



## Hose Specification

Inner wire	:	Stainless Steel 316
Inner Layers	:	Polytetrafluoroethylene(PTFE) Flim
Outer Cover	:	PVC Coated Fabric
Brand Colour	:	Red with yellow/ white ID Strip
Outer wire	:	Galvanised Mild Steel
Vacuum range	:	0.9 bar
Electric resistance	:	≤ 2" Hose pr/mtr 2.5 Ohms ≥ 2" Hose pr/mtr 1.0 Ohms

## Manufacturing Standards

Applicable to EN 13765 Type 3

## Operating Temperature

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

## Specifications

Bore Diameter		Bend Radius	Hose Work Pressure		Weight / Meter	Maximum Length	
inch	mm	mm	bar	psi	Kg/m	meter	Feet
1	25	125	14	200	1.20	20	65
1.5	38	150	14	200	1.70	20	65
2	50	190	14	200	2.10	20	65
2.5	65	210	14	200	2.80	20	65
3	75	320	14	200	3.40	20	65
4	100	420	14	200	5.60	20	65
6	150	560	14	200	12.00	20	65
8	200	750	14	200	15.50	20	65
10	250	1100	14	200	19.00	20	65

**Minimum. Burst Pressure : Safety factor 5:1 (5 times of working Pressure)**

**Note:** Above Mentioned information only for guidance, weight and dimensions shown are approximate



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