

# Gemchem-SS PTFE 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.

## Applications

Gemchem-SS Hose is Suitable for transfer of the most aggressive Chemicals and Solvents like high Viscosity paint Products .



## Hose Specification

Inner wire	:	Stainless Steel 316
Inner Layers	:	Polytetrafluoroethylene(PTFE) Flim.
Outer Cover	:	PVC Coated Fabric
Brand Colour	:	Red with white ID Strip
Outer wire	:	Galvanised Mild Steel/SS316 wire
Vacuum range	:	0.9 bar
Electric resistance	:	$\leq 2"$ Hose pr/mtr 2.5 Ohms $\geq 2"$ Hose pr/mtr 1.0 Ohms

## Manufacturing Standards

Applicable to EN 13765 Type 2

## Operating Temperature

Depending on the Conveyant  
-30°C to +140 °C

## Specifications

Bore Diameter		Bend Radius	Hose Work Pressure		Weight / Meter	Maximum Length	
inch	mm	mm	bar	psi	Kg/m	meter	Feet
1	25	90	10	150	1.10	20	65
1.5	38	125	10	150	1.60	20	65
2	50	155	10	150	2.00	20	65
2.5	65	175	10	150	2.60	20	65
3	75	225	10	150	3.50	20	65
4	100	350	10	150	4.90	20	65

**Minimum. Burst Pressure : Safety factor 4:1 (4 times of working Pressure)**

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



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