# GIC 009 Gemdock -SS PTFE H- Duty Composite Hose

# Gemdock-SS PTFE Heavy Duty Hose

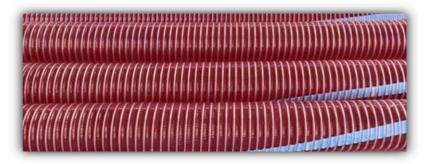


### **Description**

**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 : Stainess 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 ℃

# **Specifications**

| <b>Bore Diameter</b> |     | Bend Radius | <b>Hose Work Pressure</b> |     | 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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