



**Oilmaster® Polypropylene Hydrocarbon Hose and Chemiflex® Polypropylene Chemical Hose
Type GGP982, PGP998 & PSP998**

Applications: This hose is specifically designed as a bulk liquid transfer hose from barges, ships and ocean-going vessels for all hydrocarbons and chemicals.

Construction:

| | |
|---------------|--|
| Color/Cover: | GGP982 Dark Blue with a blue stripe/Double PVC coated Nylon, Abrasion, UV and Ozone resistant PGP998 & PSP998 Gray with a blue stripe/Double PVC coated Nylon, Abrasion, UV and Ozone resistant |
| Inner Wire: | GGP982 Galvanized Steel PGP998 Black Polypropylene coated steel |
| Inner lining: | High Density Polypropylene |
| Carcass: | Polypropylene fabrics, films and Polypropylene/Nylon |
| Outer Wire: | GGP982 & PGP998 Galvanized Steel PSP998 Stainless Steel |
| Logo: | Oilmaster® or Chemiflex® |

Physical properties:

| | |
|------------------------|---------------------------------------|
| Temperature Range: | -22°F to +212°F (-30°C to +100°C) |
| Maximum elongation: | ≤10% on test pressure |
| Vacuum range: | 26 inHg (660 mmHg), 0.9 bar |
| Electrical properties: | Electrically Conductive ≤1.0 ohm/m |

Standards: EN13765 Type 3, BS5842, USCG 33CFR 154.500

Approvals: Bureau Veritas and Nippon Kaiji Kyokai Type Approval to IBC & BCH codes of IMO Resolutions for carrying dangerous chemicals in bulk at sea.

End Fittings: Specially designed end fittings have been developed for use with United Flexible composite hoses that have a unique leak-proof sealing face and specially machined helical spiral shank which engages into the corresponding internal helix wire when secured into the hose by either crimping or swaging the external ferrules. See page 22 for more information about end connections.

| TECHNICAL DATA: TYPE GGP982, PGP998 AND PSP998 | | | | | | | | | |
|--|-----|------------------|-----------|------------------|-----|---------------|------|----------------|--------|
| Inside Diameter | | Working Pressure | | Min. Bend Radius | | Approx Weight | | Maximum Length | |
| Inches | mm | PSI | Bar | Inches | mm | lb/ft | kg/m | Feet | Meters |
| 4 | 100 | 200 | 14 | 16 | 400 | 5.3 | 7.9 | 100 | 30 |
| 6 | 150 | 200 | 14 | 20 | 500 | 7.4 | 11 | 100 | 30 |
| 8 | 200 | 200 | 14 | 29 | 740 | 12 | 18 | 100 | 30 |
| 10 | 250 | 150 | 10 | 36 | 920 | 14 | 20.9 | 40 | 12 |

Pressure based on safety factor 4:1

Dimensions and weight are approximate and are subject to change

For additional technical data such as pressure drop, max. flow rates and tensile strength, please consult United Flexible engineering

Increased operating temperatures will reduce working pressure of the assemblies

Fitting pressure rating may limit or reduce the rated working pressure of the assembly

Rated working pressure is @ 70°F (21°C)