



Submersible Composite Hose Type 914/ 924

Applications

This type is designed for use with submersible pumps and for all other applications where the hose is exposed to the product like heavy chemicals, both on the inside and outside. It is recommended for applications as heavy duty marine operations and ship and barge loading and unloading.

Technical description

| | |
|-----------------------|--|
| Lining | : SSP914, Polypropylene (80°C) SSF924, PTFE (100°C) |
| Inner Wire | : Stainless Steel 316 |
| Outer Wire | : Stainless Steel 316 |
| Cover | : Polypropylene, No marking, White |
| Temperature range | : -30°C to + 80°C / 100°C (-22°F to + 176°F / +212°F) |
| Electrical properties | : Electrically conductive |
| Standard | : EN13765:2010, Type 3 |
| Complies with | : IMO IBC code |
| Approval | : ClassNK Certificate NO. TA11773E(AL) |

Physical properties

| | |
|--------------------|------------------------|
| Maximum elongation | : 10% on test pressure |
| Vacuum range | : 0,9 bar |

End Fittings

Specially designed end fittings have been developed for use with United Flexible Composite hoses, including threaded ends, flanged ends and other connections. By means of a hydraulic operated press, a ferrule is externally swaged onto the hose to secure the hose shank and guarantee a leak proof connection between hose and fitting. All ferrules are welded to the end fitting before swaging for even safer operating conditions.

TECHNICAL DATA: TYPE SSP914/ SSF924

| Inside Diameter | | Working Pressure | | Min. Bend Radius | | Approx Weight | | Maximum Length | |
|-----------------|-----|------------------|-----|------------------|-----|---------------|-------|----------------|--------|
| Inches | mm | PSI | Bar | Inches | mm | Ib/ft | kg/m | Feet | Meters |
| 1½ | 40 | 200 | 14 | 4½ | 112 | 0.85 | 1.25 | 65 | 20 |
| 2 | 50 | 200 | 14 | 5½ | 140 | 1.35 | 2.00 | 65 | 20 |
| 2½ | 65 | 200 | 14 | 6½ | 165 | 1.75 | 2.60 | 65 | 20 |
| 3 | 80 | 200 | 14 | 9 | 230 | 2.50 | 3.70 | 65 | 20 |
| 4 | 100 | 200 | 14 | 15 | 380 | 4.40 | 6.50 | 65 | 20 |
| 5 | 125 | 200 | 14 | 17 | 435 | 5.80 | 8.60 | 65 | 20 |
| 6 | 150 | 200 | 14 | 18 | 460 | 7.00 | 10.50 | 79 | 24 |
| 8 | 200 | 200 | 14 | 27 | 690 | 12.00 | 18.00 | 65 | 20 |

Pressure based on safety factor 5:1