



MarineMaster® Polypropylene

Vapor Composite Hose Type 4321SGP and 4324SSP

- Applications:** This type is designed for use as a marine vapor recovery hose for use with a wide variety of chemicals with chemically resistant T316 stainless steel inner wire.
- Construction:**
- Color/Cover: 4321SGP Yellow white stripe/2x PVC coated Nylon, Abrasion and Ozone resistant
4324SSP Yellow blue stripe/2xPVC coated Nylon, Abrasion, and Ozone resistant
 - Inner Wire: T316 Stainless Steel
 - Inner lining: High Grade Polypropylene
 - Carcass: Polypropylene fabrics, films and Polypropylene/nylon seamless tubes
 - Outer Wire: 4321SGP Galvanized Steel
4324SSP T316 Stainless Steel
 - USCG Markings: Red/Yellow/Red ID Color each end, 2" VAPOR logo and .625 pilot holes
- 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 for size 2"
- Standards:** EN13765:2010, IMO, IBC, BS5842, USCG 33CFR 154.800 Vapor Line
- End Fittings:** Specially designed end fittings have been developed for use with Willcox 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 28 for more information about end connections.

TECHNICAL DATA: TYPE 4321SGP AND 4324SSP									
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	100	7	11	275	2.55	3.8	100	30
6	150	100	7	16	410	3.6	5.3	100	30
8	200	100	7	22	560	8.05	11.9	100	30
10	250	100	7	30	760	10.35	15.3	50	15

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)