

WILCOXHOSE



Vapor Recovery

Fluoropolymer Composite Hose Type 1331GGF, 4331SGF and 4334SSF

- Applications:** This type is designed for use in aggressive chemical vapor service applications.
- Construction:**
 - Color/Cover:** 1331GGF Yellow green stripe/2x PVC coated Nylon, Abrasion, Ozone resistant
4331SGF Yellow purple stripe/2xPVC coated Nylon, Abrasion, Ozone resistant
4334SSF Yellow red stripe/2x PVC coated Nylon, Abrasion. Ozone resistant
 - Inner Wire:** 1331GGF Galvanized Steel
4331SGF, 4334SSF T316 Stainless Steel
 - Inner lining:** PFA, FEP or PTFE
 - Carcass:** Polypropylene fabrics, films and seamless tubes
 - Outer Wire:** 1331GGF, 4331SGF Galvanized Steel
4334SSF T316 Stainless Steel
 - Logo:** VAPOR
- Physical properties:**
 - Temperature Range:** -22°F to +180°F (-30°C to +80°C)
 - Maximum elongation:** ≤10% on test pressure
 - Vacuum range:** 26 inHg (660 mmHg), 0.9 bar
 - Electrical properties:** Electrically Conductive
≤2.5 ohm/m for sizes less than 2"
≤1.0 ohm/m for size 2" and above
- Standards:** EN13765:2010, Type 2, IMO, IBC, BS5842, NAHAD-600:2005
- 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 1331GGF, 4331SGF AND 4334SSF									
Inside Diameter		Working Pressure		Min. Bend Radius		Approx Weight		Maximum Length	
Inches	mm	PSI	Bar	Inches	mm	lb/ft	kg/m	Feet	Meters
1	25	100	7	4	100	0.65	1.00	100	30
1½	40	100	7	5	125	0.85	1.25	100	30
2	50	100	7	5	125	1.20	1.80	100	30
3	80	100	7	6	150	1.5	2.2	100	30
4	100	100	7	9.0	225	1.8	2.7	100	30

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