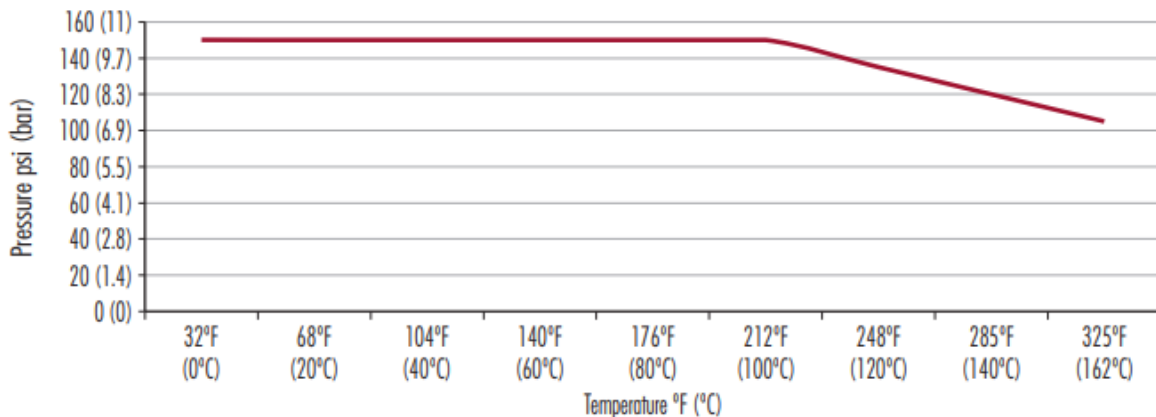




High Temperature Fluoropolymer Chemical Hose

Type 4131SGF and 4134SSF

- Applications:** This type is designed specially for the conveyants at higher temperatures using PTFE and fiberglass materials. Suitable for hot lube oils and chemicals requiring higher temperatures
- Construction:**
- Color/Cover: 4131SGF Orange/PVC coated Nylon, Abrasion, Ozone resistant
4134SSF Orange yellow stripe/PVC coated Nylon, Abrasion, Ozone resistant
 - Inner Wire: T316 Stainless Steel Wire
 - Inner lining: PFA, FEP, ETFE
 - Carcass: Heat Resistant Fiberglass, Polypropylene fabrics, films and seamless tubes
 - Outer Wire: 4131SGF Galvanized Steel
4134SSF T316 Stainless Steel
- Physical properties:**
- Temperature Range: -22°F to +325°F (-30°C to +162°C)
 - Vacuum range: 26 inHg (660 mmHg), 0.9 bar



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 4131SG AND 4134SS									
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	150	10	8.0	200	0.9	1.3	100	30
1½	40	150	10	8.0	200	1.2	1.8	100	30
2	50	150	10	9.0	225	1.41	2.1	100	30
3	80	150	10	10.0	250	2.4	3.6	100	30
4	100	150	10	14.0	350	3.4	5.0	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)