

High Temperature Fluoropolymer ThermMaster® Hose

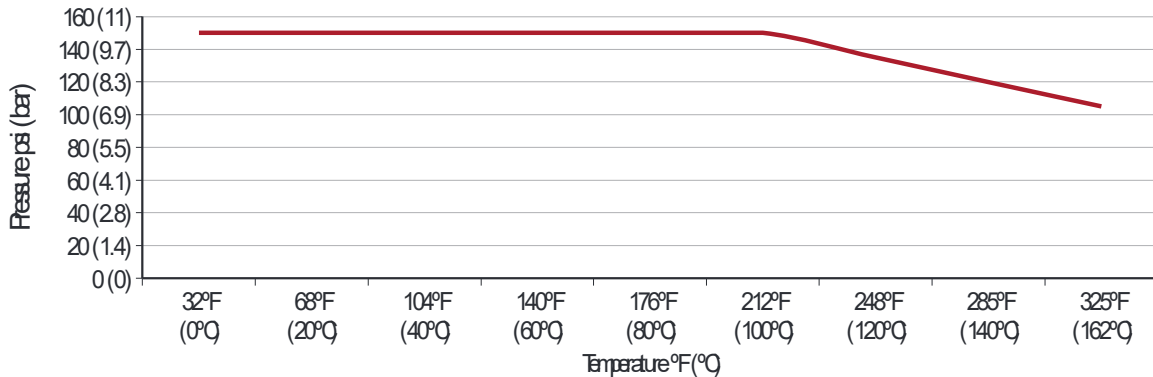
Type GGF474, SGF474, SSF474

Applications: This type is especially designed for conveyants at higher temperatures using PTFE and non polypropylene polymeric materials. Suitable for molten sulphur, hot oils and chemicals up to 325 F/162C.

Construction:

- Color/Cover: GGF474 Orange red stripe/PVC coated nylon, abrasion, ozone resistant
 SGF474 Orange red & blue stripe/PVC coated Nylon, Abrasion, Ozone resistant
 SSF474 Orange & blue stripe/PVC coated Nylon, Abrasion, Ozone resistant
- Inner Wire: T316 Stainless Steel Wire
- Inner lining: PFA, FEP, ETFE
- Carcass: Heat Resistant Polymeric Fabrics and Films and PTFE Linings are standard
- Outer Wire: GGF474 & SGF474 Galvanized Steel
 SSF474 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



Standard: EN13765 Type 4

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 GGF474, SGF474 AND SSF474									
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	4	100	0.65	1.00	100	30
1½	40	150	10	5.0	125	1	1.50	100	30
2	50	150	10	6.0	150	1.20	1.80	100	30
3	80	150	10	8	200	2.00	3.00	100	30
4	100	150	10	13	325	3.00	4.50	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)