

MultiFlex™

Convolute PTFE Hose

This versatile and economical hose combines excellent flexibility with a high pressure rating. Open pitch spiral convolutions are self-draining to facilitate cleaning. Available braids include Stainless Steel and Polypropylene. The tube is available in virgin PTFE or conductive black where electrostatic dissipation is required.

MultiFlex™ Advantage:

Corrosion resistant - PTFE is fully resistant to the broadest range of industrial chemicals and has a zero corrosion rate, lower life cycle costs and is Non-contaminating.

Cleanable - Non-Stick, low porosity tube does not trap bacteria, and can be readily cleaned with steam, detergents, caustics or solvents.

Compatible - Will not contaminate or impart a taste, color or odor to any media.

Sanitary - FDA approved materials that meet or exceed **3A** requirements.

Flexible - Does not fatigue or stress corrode like metal hose.

Durable - Designed for extended use in hostile environments involving severe chemical, thermal and mechanical stresses. Does not suffer aging or embrittlement, even with extreme thermal cycling.

Fittings:

Over 40 standard fitting styles available, including; Flanged, Sanitary, JIC, NPT, Cam Lock, PFA Encapsulated, Solid Kynar and Polypropylene fittings. Standard material is 316 Stainless Steel. Non-Wetted fitting material is Epoxy Powder coated Carbon Steel. Fitting designs feature high performance smooth internal finishes exceeding **Pharmacopoeia class VI, FDA, USDA** and **3A** standards. All collars are Stainless Steel.

Specifications:

Temperature Range: -65°F (-54°C) to 450°F (232°C)

I.D NOMINAL	O.D. (in) Stainless Steel NOMINAL	O.D. (in) PolyPro NOMINAL	WORKING PRESSURE (PSI)		VACUUM RATING (In-Hg)	MINIMUM BEND RADIUS (in)	WEIGHT PER FT. (lbs>)
			SS Braid	PolyPro Braid			
1/2	0.740	0.900	1500	575	29.9	1.50	0.20
3/4	1.060	1.260	1100	500	29.9	2.00	0.28
1	1.320	1.500	1000	400	29.9	2.50	0.35
1 1/2	1.920	2.160	750	300	29.9	3.75	0.60
2	2.420	2.650	625	250	24.0	6.50	0.85
3	3.420	3.650	150	150	20.0	7.50	1.15

Operating pressure ratings are one fourth the minimum burst pressure at 70°F (21°C)

