



Application	Typical Hoses
• Instrumentation Lines for Labs and Testing	T, X
• Transfer Lines for Chemicals; Corrosives and Dyes	FM, FJ, FL, T, X
• Water and Polymer Lines for Cleaning Heat Exchanger Piping	T, X

Materials of Construction

Fluoropolymer Hose			
Series	Core	Reinforcement	Cover
T	Smooth-Bore PTFE*	304 SS Braid Standard; 316L SS and Alloy 400 Braid Available	—
X	Smooth-Bore PTFE*	Fiber Braid with 304 SS Braid	—

Metal Hose			
FM	Convuluted 316L SS	316L SS Braid	—
FJ	Convuluted 316L SS	304 SS Braid Standard; 316L SS Braid Available	—
FL	Convuluted 316L SS	321 SS Braid	—

Series	Nominal Hose Size, in.										Temperature Range °F (°C)
			Working Pressure at 70°F (20°C), psig (bar)								
	1/8	3/16	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	

Fluoropolymer Hose											
T	—	—	3000* (206)	2500 (172)	2000 (137)	1500 (103)	1000 (68.9)	—	—	—	-65 to 450 (-53 to 230)
X	—	—	3500 (241)	3000 (206)	1800 (124)	1250 (86.1)	1000 (68.9)	—	—	—	

Metal Hose											
FM	—	—	3100 (213)	2000 (137)	1800 (124)	1500 (103)	1200 (82.6)	950 (65.4)	900 (62.0)	500 (34.4)	-325 to 850 (-200 to 454)
FJ	—	—	1600 (110)	1470 (101)	1110 (76.4)	860 (59.2)	680 (46.8)	680 (46.8)	520 (35.8)	450 (31.0)	-325 to 800 (-200 to 426)
FL	—	—	1500 (103)	—	1200 (82.6)	—	—	—	—	—	-325 to 850 (-200 to 454)

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*Carbon black-filled PTFE core is available for applications that require static dissipation.

*T series hose with alloy 400 braid is rated to 1500 psig (103 bar).