

35. PTFE Flexible Hoses

35.1. ULTRAFLEX™

UltraFlex™ heavy duty hose is made with the thickest seamless PTFE liner in the industry and offers the largest size range (1/2" - 6") which makes it ideal for nearly all demanding high purity and chemical applications.

The open pitch spiral convolutions facilitate cleaning because they're self-draining, and the tight bend radius of UltraFlex hose is perfect for space-constrained locations.

Flare thru assemblies are available.

Maximum length: 30m

Polypropylene, Kynar, Kevlar braiding available.

Anti-static Black PTFE

ULTRAFLEX™



Temp: -54 ~ 232 °C

I.D. Inch	Working Pressure			Minimum Bend Radius mm	Vacuum Rating mm/Hg	Weight kg/m
	S.S. Braid	P.P. Braid	Bare Hose			
1/2	2.8	2.8	0.3	44.5	759	0.30
3/4	2.8	2.8	0.2	57.2	759	0.52
1	2.8	2.8	0.2	63.5	759	0.74
1-1/4	2.2	1.9	0.1	76.2	759	1.04
1-1/2	2.2	1.7	0.1	82.6	759	1.19
2	1.7	1.6	0.1	133.4	759	1.41
2-1/2	1.7	1.4	0.1	215.9	759	2.23
3	1.2	1.2	0.1	241.3	610	2.66
4	1.0	1.0	0.1	303.5	508	3.35
6	0.5	0.3	0.03	393.7	381	5.21

35.2. MULTIFLEX™

MultiFlex combines excellent flexibility with a high pressure rating. The seamless open pitch spiral PTFE convolutions facilitate cleaning because they're self-draining.

MultiFlex is perfect for demanding high purity and chemical applications. Available in sizes 1/2" to 3".

Maximum length: 30m

Polypropylene, Kynar, Kevlar braiding available.

Anti-static Black PTFE

MULTIFLEX™



Temp: -54 ~ 232 °C

I.D. Inch	Working Pressure		Minimum Bend Radius mm	Vacuum Rating mm/Hg	Weight kg/m
	S.S. Braid	P.P. Braid			
1/2	10.3	4.0	38.1	759	0.30
3/4	7.6	3.4	50.8	759	0.42
1	6.9	2.8	63.5	759	0.52
1-1/4	6.0	2.4	79.5	759	0.71
1-1/2	5.2	2.1	95.3	759	0.89
2	4.3	1.7	165.1	610	1.26
3	1.0	1.0	241.3	508	2.66