



## TEFLON (PTFE) HOSES - WITH ONE S/S WIRE BRAIDED COVER

The PTFE hose core is manufactured from Teflon. No pigments or additives are incorporated thus giving the hose liner a translucent appearance free from any contamination. The wire braiding (1 or 2 wire available) is produced from AISI 304/S15 or BS970 1970 quality hard drawn tensile stainless steel wire.

PTFE hose has an excellent temperature characteristics both in high and low temperature. Excellent chemical resistant, non contamination properties, low coefficient of friction and resists deterioration.

Reduced static versions of all hoses are available for applications where electrically resistive fluids are being transferred at high flow rates.

The standard wall products are not recommended for steam-cold water cycling. We recommend the Heavy Wall range for the most demanding applications including intense thermal cycling



### Temperature Range

\* Continuous: -60 °C to +205 °C

\* Intermittent: max. +220 °C

Part Number	Size	Internal Diameter	Wall Thickness	Outside Diameter	Min. Bend Radius	Maximum Working Pressure		Minimum Bursting Pressure		Hose Weight
		mm	mm	mm	mm	bar	psi	bar	psi	kg/m
TWK-03	1/8"	3.00	1.00	6.20	40	225	3,260	900	13,040	0.060
TWK-04	3/16"	5.00	0.70	7.60	50	190	2,750	760	11,000	0.069
TWK-05	1/4"	6.00	0.70	8.80	75	180	2,610	720	10,440	0.087
TWK-06	5/16"	8.00	0.70	11.00	100	175	2,540	700	10,160	0.127
TWK-07	3/8"	9.50	0.70	12.10	125	165	2,390	660	9,560	0.145
TWK-08	13/32"	10.30	0.70	13.70	135	140	2,030	560	8,120	0.158
TWK-10	1/2"	12.50	0.75	16.20	165	120	1,740	480	6,960	0.212
TWK-12	5/8"	16.00	0.90	18.80	200	88	1,270	352	5,080	0.260
TWK-14	3/4"	19.00	0.90	23.10	230	70	1,010	280	4,040	0.321
TWK-16	7/8"	22.20	1.00	26.20	230	60	870	240	3,480	0.355
TWK-18	1"	25.00	1.20	29.20	300	60	870	240	3,480	0.450
TWK-20	1-1/8"	29.00	1.25	33.10	410	44	630	176	2,520	0.525

### Available in HD Series:

Part Number	Size	Internal Diameter	Wall Thickness	Outside Diameter	Min. Bend Radius	Maximum Working Pressure		Minimum Bursting Pressure		Hose Weight
		mm	mm	mm	mm	bar	psi	bar	psi	kg/m
TWK-14-HD	3/4"	19.0	1.10	23.5	300	70	1,000	280	4,000	0.412
TWK-18-HD	1"	25.5	1.25	30.0	350	60	870	240	3,480	0.505

\*\* Temperature Range: Continuous: -54°C to +260°C