

PTFE TUBING

Key Features: ASTM 3295; Chemically Inert to Most Industrial Fluids and Gasses; UL 94 V-0; FDA Compliant; Lowest Coefficient of Friction; High operating temperature range - 240 to 260°C. Additional sizes and colors of PTFE tubing available by quotation. See also **Spiral Cut PTFE Tubing** and **PTFE Electrical Tubing** for small diameter tubing in extra thin, thin and standard wall.

Industrial Wall (1/32)

Heavy Wall (1/16)

OD In	ID In	Part Number	Bend Rad In.	Burst Pres* psi	OD In	ID In	Part Number	Bend Rad In.	Burst Pres* psi
3/32	1/32	TT42N3000	1/2	2400	3/16	1/16	TT44N6200	1/2	2400
1/8	1/16	TT44N3000	3/4	1800	1/4	1/8	TT47N6200	1/2	1800
5/32	3/32	TT46N3000	1/2	1410	5/16	3/16	TT49N6200	3/4	1410
3/16	1/8	TT47N3000	1/2	1160	3/8	1/4	TT51N6200	3/4	1155
1/4	3/16	TT49N3000	3/4	840	7/16	5/16	TT53N6200	1	970
5/16	1/4	TT51N3000	1	660	1/2	3/8	TT55N6200	2 1/2	840
3/8	5/16	TT53N3000	2	550					
7/16	3/8	TT55N3000	2	460					
1/2	7/16	TT57N3000	2 1/2	400					

Custom Wall

Metric Sizes (1mm Wall)

OD In.	ID In	Part Number	Bend Rad In	Burst Pres* psi	OD mm	ID mm	Part Number	Bend Rad In	Burst Pres* psi
1/16	1/32	TT42N1500	1/4	1800	4	2	TT13N3900	1/2	1800
1/4	5/32	TT48N4700	3/4	1320	6	4	TT48N3900	3/4	1155
1/4	.170	TT06N4000	3/4	1100	8	6	TT03N3900	1	840
					10	8	TT53N3900	2	660
					12	10	TT55N3900	2 1/2	540

*Burst Pressure is a Theoretical Calculation at Room Temperature.

PHYSICAL PROPERTIES	ASTM TEST	VALUE
Tensile Strength	D638	3,000 psi
Elongation	D638	200 to 400%
Flexural Modulus	D790	27,000 psi
MIT Flex Life	D2176	>100,000
Hardness	D2240	55 to 65 Shore D