

PTFE & FEP Tubings

Extreme - Temperature Tubing Made With PTFE and Teflon® PTFE



Whether you choose Teflon®PTFE or PTFE (polytetrafluoroethylene), you'll find this tubing can withstand a broad temperature variation. It has a smooth surface for restriction-free flow, plus it won't react to most chemicals, has a low penetration of gases and liquids and good insulating properties. Use with water, deionized water, air, food and beverage and ethylene glycol. Can be sterilized with gas. Teflon®PTFE-Material is FDA compliant and meets UL 94V0 for flammability. Not rated for vacuum. PTFE Choose-a-Color-Material is FDA CFR21 177.1550 compliant. Vacuum rating is 29" Hg @ 22° C. Solid tubing comes in opaque black, blue, green, red and yellow. Striped tubing is semi-clear white and comes with your choice of stripe color : black, blue, green, red and yellow. Metric PTFE-Material is FDA CFR21 177.1550 compliant. Vacuum rating is 29" Hg @ 22° C.

- ▶ Temperature range : -267° to +260° C.
- ▶ Tensile strength : 2500-4000 psi.
- ▶ Flexible.
- ▶ Wall hardness : Hard (Shore D : 50-65).
- ▶ Use compression fittings.

Inch Made with Teflon®PTFE - Semi-Clear White

ID	OD	Wall	Bend Radius	Max .psi @ 21°C	Available Lengths, ft.	Number	Price ft./ \$	ID	OD	Wall	Bend Radius	Max .psi @ 21°C	Available Lengths, ft.	Number	Price ft./ \$
1/32"	1/16"	1/64"	1/8"	203	10, 25, 50, 100	5A23 9923	—	7/16"	1/2"	1/32"	4 3/4"	26	5, 10, 25, 50	5F23 9116	—
1/16"	1/8"	1/32"	1/2"	145	10, 25, 50	5A23 9924	—	7/16"	9/16"	1/16"	7"	48	2, 5, 10, 20, 25, 50	5F03 3136	—
3/32"	5/32"	1/32"	1/2"	117	10, 25, 50	5A23 9925	—	1/2"	9/16"	1/32"	4 1/2"	20	2, 5, 10, 25, 50	5F23 9117	—
1/8"	3/16"	1/32"	1 5/8"	112	10, 25, 50	5A23 9911	—	1/2"	5/8"	1/16"	8"	43	2, 5, 10, 20, 25	5F03 3137	—
1/8"	1/4"	1/16"	1 9/16"	148	5, 10, 25, 50	5A03 3931	—	9/16"	11/16"	1/16"	9"	37	2, 5, 10, 20, 25	5F03 3138	—
3/16"	1/4"	1/32"	2 1/2"	75	10, 25, 50	5A23 9912	—	5/8"	11/16"	1/32"	8"	14	2, 5, 10, 25, 50	5F23 9118	—
3/16"	5/16"	1/16"	3"	121	2, 5, 10, 25, 50	5A03 3932	—	5/8"	3/4"	1/16"	6"	37	2, 5, 10, 20, 25	5F03 3139	—
1/4"	5/16"	1/32"	3 1/4"	55	5, 10, 25, 50	5A23 9913	—	3/4"	53/64"	3/64"	14"	16	2, 5, 10, 20, 25, 50	5F23 9119	—
1/4"	3/8"	1/16"	3 1/2"	93	2, 5, 10, 25, 50	5A03 3933	—	3/4"	7/8"	1/16"	12"	32	2, 5, 10, 20, 25	5F03 3141	—
5/16"	3/8"	1/32"	4"	42	5, 10, 25, 50	5A23 9914	—	7/8"	31/32"	3/64"	13"	15	2, 5, 10	5F23 9121	—
5/16"	7/16"	1/16"	5 1/2"	76	2, 5, 10, 20, 25, 50	5A03 3934	—	7/8"	1"	1/16"	16"	26	2, 5, 10, 20, 25	5F03 3143	—
3/8"	7/16"	1/32"	4 1/2"	33	5, 10, 25, 50	5A23 9915	—	1"	1 7/64"	3/64"	25"	8	2, 5, 8	5F23 9129	—
3/8"	1/2"	1/16"	6 1/2"	65	2, 5, 10, 20, 25, 50	5A03 3935	—								

Inch PTFE - Choose-A-Color

ID	OD	Wall	Bend Radius	Max. psi @ 21°C	Solid			Striped		
					Available Lengths, ft.	Number	Price ft./ \$	Available Lengths, ft.	Number	Price ft./ \$
1/8"	3/16"	1/32"	1/2"	93	10, 25	5T31 5212	—	10, 25	5V93 5422	—
1/8"	1/4"	1/16"	1/2"	148	5, 10, 25	5T51 5241	—	5, 10, 25	5V36 5461	—
3/16"	1/4"	1/32"	1"	65	5, 10, 25	5T31 5218	—	5, 10, 25	5V93 5424	—
3/16"	5/16"	1/16"	1/2"	116	5, 10, 25	5T51 5243	—	2, 5, 10, 25	5V36 5463	—
1/4"	5/16"	1/32"	1 3/4"	48	5, 10, 25	5T31 5224	—	5, 10, 25	5V93 5426	—
1/4"	3/8"	1/16"	3/4"	93	2, 5, 10, 25	5T51 5245	—	2, 5, 10, 25	5V36 5465	—
5/16"	3/8"	1/32"	2 1/2"	37	5, 10, 25	5T31 5217	—	5, 10, 25	5V93 5427	—
5/16"	7/16"	1/16"	1"	80	2, 5, 10, 25	5T51 5247	—	2, 5, 10, 25	5V36 5467	—
3/8"	7/16"	1/32"	2"	30	5, 10, 25	5T31 5219	—	5, 10, 25	5V93 5429	—
3/8"	1/2"	1/16"	1 1/2"	65	2, 5, 10, 20, 25	5T51 5249	—	2, 5, 10, 20, 25	5V36 5469	—
7/16"	1/2"	1/32"	4"	24	5, 10, 25	5Z31 5221	—	5, 10, 25	5V93 5431	—
7/16"	9/16"	1/16"	2 1/2"	58	2, 5, 10, 20, 25	5T51 5251	—	2, 5, 10, 20, 25	5V36 5471	—
1/2"	9/16"	1/32"	4 3/4"	20	2, 5, 10, 25	5T31 5223	—	2, 5, 10, 25	5V93 5433	—
1/2"	5/8"	1/16"	3"	52	2, 5, 10, 20, 25	5T51 5253	—	2, 5, 10, 20, 25	5V36 5473	—
5/8"	11/16"	1/32"	6/34"	13	2, 5, 10, 25	5T31 5225	—	2, 5, 10, 25	5V93 5435	—
5/8"	3/4"	1/16"	6"	37	2, 5, 10, 20, 25	5T51 5257	—	2, 5, 10, 20, 25	5V36 5475	—
3/4"	53/64"	3/64"	17 1/2"	16	2, 5, 10, 20, 25	5T31 5227	—	2, 5, 10, 20, 25	5V93 5437	—
7/8"	31/32"	3/64"	20"	15	2, 5, 10, 20, 25	5T31 5229	—	2, 5, 10, 20, 25	5V93 5439	—
7/8"	1"	1/16"	16"	26	2, 5, 10, 20, 25	5T51 5259	—	2, 5, 10, 20, 25	5V36 5479	—

Metric PTFE - Semi-Clear White

ID, mm	OD, mm	Wall, mm	Bend Radius	Max. psi @ 23°C	Available Lengths, ft.	Number	Price ft./ \$	ID, mm	OD, mm	Wall, mm	Bend Radius	Max. psi @ 23°C	Available Lengths, ft.	Number	Price ft./ \$
1	3	1	1 1/2"	204	10, 25	5Z33 5091	—	6	8	1	2 1/2"	68	5, 10, 25	5Z33 5036	—
2	4	1	1 1/2"	152	10, 25	5Z33 5032	—	7	9	1	2 1/2"	58	5, 10, 25	5Z33 5055	—
3	5	1	1 3/4"	118	5, 10, 25	5Z33 5053	—	8	10	1	2 1/2"	51	2, 5, 10, 25	5Z33 5038	—
4	6	1	1 3/4"	97	5, 10, 25	5Z33 5034	—	10	12	1	4"	41	2, 5, 10, 25	5Z33 5041	—
5	7	1	2"	81	5, 10, 25	5Z33 5094	—								