

Teflon Tubing for Ozone Applications

FEP & PTFE Teflon Tubing

Ozone Solutions carries all types of Ozone Compatible Teflon tubing. We have the most competitive prices - guaranteed!



Features

- Inertness to virtually all chemicals and solvents
- most recommended material for ozone applications
- Ultra-purity, non-contamination; containing no plasticizers or additives
- The widest temperature capability of any plastic tubing.
- A non-stick, smooth surface, minimizing problems of absorption or adsorption.
- We can do 1,000-ft + continuous lengths! Call for details.

Product ID: **Teflon_Tubing**
In Stock: **Yes**

FEP Virgin Teflon

Part Number	Nom. ID (in.)	Nom. CD (in.)	Wall (in.)	Feet	Price
FEP-042x125	1/8	0.300	0.030	50.00	\$0.48
FEP-125x188	1/8	3/16	0.030	50.00	\$0.75
FEP-156x250	1/8	1/4	0.030	51.20	\$1.72
FEP-188x313	5/32	1/4	0.047	51.70	\$1.55
FEP-250x375	3/16	5/16	0.063	52.20	\$1.95
FEP-313x375	1/4	3/8	0.063	52.87	\$2.43
FEP-375x500	3/8	1/2	0.063	53.97	\$3.71
FEP-438x500	7/16	1/2	0.063	54.67	\$3.72
FEP-500x625	1/2	5/8	0.063	55.99	\$4.79
FEP-562x625	9/16	5/8	0.063	56.25	\$5.71
FEP-625x750	5/8	3/4	0.063	57.21	\$5.71
FEP-688x750	11/16	3/4	0.063	58.54	\$6.87

PTFE Virgin Teflon

Part Number	Nom. ID (in.)	Nom. CD (in.)	Wall (in.)	Feet	Price
PTFE-042x125	1/8	0.300	0.020	50.00	\$0.40
PTFE-125x188	1/8	3/16	0.020	50.77	\$0.65
PTFE-156x250	1/8	1/4	0.020	51.68	\$1.61
PTFE-188x313	5/32	1/4	0.047	51.63	\$1.42
PTFE-250x375	3/16	5/16	0.063	52.64	\$2.27
PTFE-313x375	1/4	3/8	0.063	53.71	\$2.21
PTFE-375x500	3/8	1/2	0.063	54.77	\$3.51
PTFE-438x500	7/16	1/2	0.063	54.48	\$3.87
PTFE-500x625	1/2	5/8	0.063	56.29	\$5.53
PTFE-562x625	9/16	5/8	0.063	53.97	\$3.41
PTFE-625x750	5/8	3/4	0.063	54.64	\$4.06
PTFE-688x750	11/16	3/4	0.063	57.75	\$6.81
PTFE-688x750	11/16	3/4	0.063	54.48	\$4.19

Specifications

- Compliance
- Tolerance
- Ordering Details
- Minimum 50-ft required
- Must be ordered in 50-ft increments
- PTFE lengths 100-ft or more are supplied in 100-ft long coils
- FEP can be supplied in lengths longer than 100-ft (call for lead time)

FDA & RoHS Compliant
+/- 0.005-in on ID & OD

FEP Performance Chart

FEP Standard Grade Tubing

Key Parameters: ASTM D2651 Chemically Inert to Most Industrial Fluids and Gases; FDA 21 CFR 177.1535 Compliant; High Operating Temperature: -110 to 200°F; Additional data and values of FEP tubing are available by request; Material: Wall (0.030)

OD	ID	Part Number	Wall	Length	Price
1/8	3/16	FFEP042125	0.030	50.00	\$0.48
1/8	1/4	FFEP156250	0.030	51.20	\$1.72
5/32	1/4	FFEP188313	0.047	51.70	\$1.55
3/16	5/16	FFEP250375	0.063	52.20	\$1.95
1/4	3/8	FFEP313375	0.063	52.87	\$2.43
3/8	1/2	FFEP375500	0.063	53.97	\$3.71
7/16	1/2	FFEP438500	0.063	54.67	\$3.72
1/2	5/8	FFEP500625	0.063	55.99	\$4.79
9/16	5/8	FFEP562625	0.063	56.25	\$5.71
5/8	3/4	FFEP625750	0.063	57.21	\$5.71
11/16	3/4	FFEP688750	0.063	58.54	\$6.87

Custom Wall

OD	ID	Part Number	Wall	Length	Price
1/8	3/16	FFEP042125	0.030	50.00	\$0.48
1/8	1/4	FFEP156250	0.030	51.20	\$1.72
5/32	1/4	FFEP188313	0.047	51.70	\$1.55
3/16	5/16	FFEP250375	0.063	52.20	\$1.95
1/4	3/8	FFEP313375	0.063	52.87	\$2.43
3/8	1/2	FFEP375500	0.063	53.97	\$3.71
7/16	1/2	FFEP438500	0.063	54.67	\$3.72
1/2	5/8	FFEP500625	0.063	55.99	\$4.79
9/16	5/8	FFEP562625	0.063	56.25	\$5.71
5/8	3/4	FFEP625750	0.063	57.21	\$5.71
11/16	3/4	FFEP688750	0.063	58.54	\$6.87

Key Parameters to Mechanical Characteristics of Above Tubing

PROPERTY	VALUE
Tensile Strength	1000 psi
Elongation	400%
Compression	100%
Volume Change	0.000%
Modulus	100,000 psi
Hardness	100 Shore D

PTFE Performance Chart

PTFE Fluid Tubing

Key Parameters: ASTM D2651 Chemically Inert to Most Industrial Fluids and Gases; FDA 21 CFR 177.1535 Compliant; Low Operating Temperature: -200 to 260°F; Additional data and values of PTFE tubing are available by request; Material: Wall (0.020)

OD	ID	Part Number	Wall	Length	Price
1/8	3/16	FFPTF042125	0.020	50.00	\$0.40
1/8	1/4	FFPTF156250	0.020	51.68	\$1.61
5/32	1/4	FFPTF188313	0.047	51.63	\$1.42
3/16	5/16	FFPTF250375	0.063	52.64	\$2.27
1/4	3/8	FFPTF313375	0.063	53.71	\$2.21
3/8	1/2	FFPTF375500	0.063	54.77	\$3.51
7/16	1/2	FFPTF438500	0.063	54.48	\$3.87
1/2	5/8	FFPTF500625	0.063	56.29	\$5.53
9/16	5/8	FFPTF562625	0.063	53.97	\$3.41
5/8	3/4	FFPTF625750	0.063	54.64	\$4.06
11/16	3/4	FFPTF688750	0.063	57.75	\$6.81

Custom Wall

OD	ID	Part Number	Wall	Length	Price
1/8	3/16	FFPTF042125	0.020	50.00	\$0.40
1/8	1/4	FFPTF156250	0.020	51.68	\$1.61
5/32	1/4	FFPTF188313	0.047	51.63	\$1.42
3/16	5/16	FFPTF250375	0.063	52.64	\$2.27
1/4	3/8	FFPTF313375	0.063	53.71	\$2.21
3/8	1/2	FFPTF375500	0.063	54.77	\$3.51
7/16	1/2	FFPTF438500	0.063	54.48	\$3.87
1/2	5/8	FFPTF500625	0.063	56.29	\$5.53
9/16	5/8	FFPTF562625	0.063	53.97	\$3.41
5/8	3/4	FFPTF625750	0.063	54.64	\$4.06
11/16	3/4	FFPTF688750	0.063	57.75	\$6.81

Key Parameters to Mechanical Characteristics of Above Tubing

PROPERTY	VALUE
Tensile Strength	1000 psi
Elongation	400%
Compression	100%
Volume Change	0.000%
Modulus	100,000 psi
Hardness	100 Shore D

The attached chart outlines the performance and properties of FEP Teflon Tubing.

The attached chart outlines the performance and properties of PTFE Teflon Tubing.