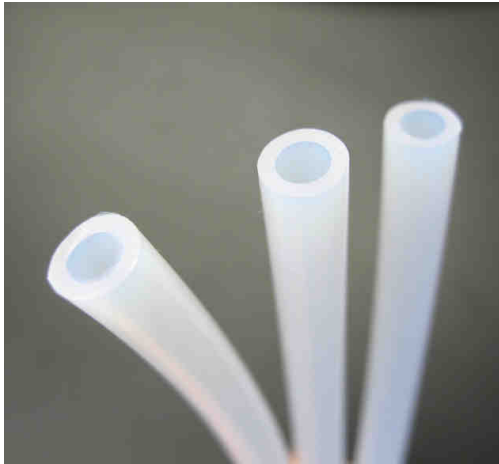




PTFE

PTFE Tubing



Product Description

Grayline PTFE tubing is made from a semi-rigid, natural color FDA-approved fluoropolymer resin. It exhibits great electrical and weathering properties and offers excellent aging resistance. Grayline PTFE tubing can be used with virtually all industrial solvents, chemicals, and corrosive materials, even at elevated temperatures (excluding fluorine, molten sodium hydroxide, and molten alkali metals). It can be steam or chemically sterilized in-line with any industrial cleaner, solvent, or sterilizing method. It's non-stick property allows transport of viscous, sticky materials without line clogging.

Standard Packaging: Coils

Standard Color: Natural (White/Translucent)

Custom Services: Cut Length, Size

Specifications

- FDA Title 21 (Material Only)
- UL94 V0 (Material Only)
- ASTM D 3295-03
- EU Directive 2011/65/EU (RoHS2)

Features

- Operating Temperature is -245°C to 260°C
- Lowest Coefficient of Friction of Any Solid Material
- Food Contact Safe
- Plasticizer-Free
- Excellent Flame Resistance
- Lead Free

PROPERTY	TYPICAL VALUE
Durometer Hardness, Shore D	60
Tensile Strength (psi)	2,500-3,000
Elongation (%)	200-400

The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.



PTFE

PTFE Tubing

Standard Inch Sizes

I.D. (Inches)	OD (Inches)	Wall (Inches)	Bend Radius (Inches)	Max. Working PSI at 72°F
1/16" (.062)	1/8" (.063±.005)	0.030±.005"	1/2"	300
1/8" (.125)	3/16" (.188±.005)	0.030±.005"	3/4"	200
1/8" (.125)	1/4" (.250±.005)	0.062±.005"	1/2"	310
0.156"	1/4" (.250±.005)	0.047±.005"	3/4"	235
0.170"	1/4" (.250±.005)	0.040±.005"	1"	200
3/16" (.188)	1/4" (.250±.005)	0.030±.005"	1"	150
3/16" (.188)	5/16" (.313±.005)	0.062±.005"	1-3/4"	247
1/4" (.250)	5/16" (.313±.005)	0.030±.005"	1-3/4"	120
1/4" (.250)	3/8" (.375±.005)	0.062±.005"	3/4"	207
5/16" (.313)	3/8" (.375±.005)	0.030±.005"	3/4"	100
3/8" (.375)	1/2" (.500±.005)	0.062±.005"	2-1/2"	155
7/16" (.438)	1/2" (.500±.005)	0.030±.005"	6"	75

Standard Metric Sizes

I.D. (MM)	OD (MM)	Wall (MM)	Bend Radius (Inches)	Max. Working PSI at 72°F
4.0	6.0	1.0	1"	208
6.0	8.0	1.0	1-1/2"	156
8.0	10.0	1.0	2"	125
10.0	12.0	1.0	4"	104

The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.