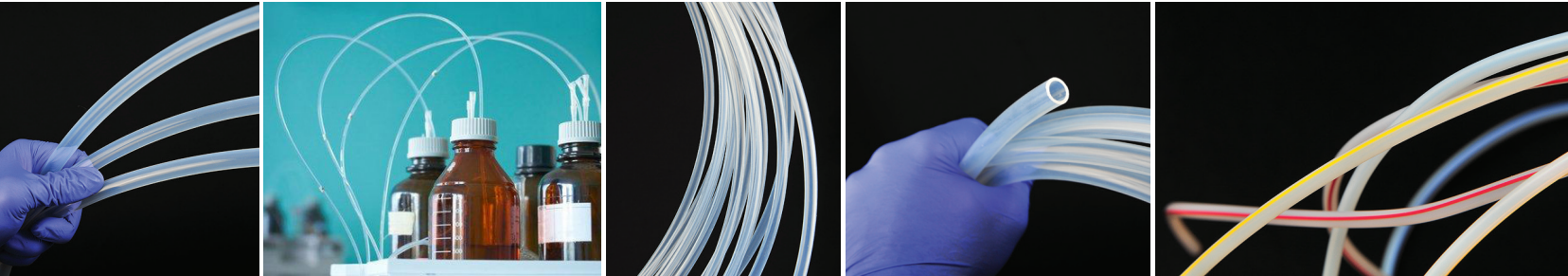


The logo for TBL, consisting of the letters 'TBL' in a bold, white, sans-serif font. To the left of the letters is a stylized circular graphic made of concentric, overlapping lines.

PTFE[™] Polytetrafluoroethylene Tubing

NON FLAMMABLE
NO PLASTICIZERS
NO STICK



PTFE (Polytetrafluoroethylene) is perhaps the most widely used fluoropolymer available. Originally trademarked by Dupont under the trade name **TEFLON[®]**, PTFE has many features which make it ideal for a wide range of applications.

PTFE tubing is more flexible than all other tubing in its class, and can resist nearly all industrial chemicals. Also, with a temperature range of approximately -330 to 500 °F, it offers the **widest temperature range** of the fluoropolymers. In addition, it has **excellent electrical properties** and **low permeability**.

PTFE tubing is most widely used as **laboratory tubing** and for applications where **chemical resistance** is important. PTFE has a very **low coefficient of friction** and is one of the most “slippery” substances known.

We offer a broad range of sizes which can be used with standard compression fittings.

PTFE is resistant to nearly all industrial chemicals.

PTFE[™]
Polytetrafluoroethylene Tubing

TBL Plastics, LLC
PO Box 634
Andover, New Jersey 07821

Tel. 973.383.2834
Fax 973.383.4161
sales@tblplastics.com

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ThermoplasticBiologic
A RubberFab Technologies Affiliate
www.tblplastics.com

TBL

PTFE™ Polytetrafluoroethylene Tubing

Sizing Chart

Part Number	ID	OD	Wall	Bend Radius	Max WP @ 72 °F
Standard Sizes					
TBL-PTFE-062X125	1/16"	1/8"	1/32"	1/2"	300 PSI
TBL-PTFE-125X250	1/8"	1/4"	1/16"	1/2"	310 PSI
TBL-PTFE-125X187	1/8"	3/16"	1/32"	3/4"	200 PSI
TBL-PTFE-170X250	.170"	.250"	.040"	1"	200 PSI
TBL-PTFE-187X250	3/16"	1/4"	1/32"	1"	150 PSI
TBL-PTFE-187X312	3/16"	5/16"	1/16"	Contact Factory	Contact Factory
TBL-PTFE-250X312	1/4"	5/16"	1/16"	1-3/4"	275 PSI
TBL-PTFE-250X375	1/4"	3/8"	1/16"	3/4"	207 PSI
TBL-PTFE-295X375	.295"	.375"	.040"	Contact Factory	Contact Factory
TBL-PTFE-312X375	5/16"	3/8"	1/32"	Contact Factory	Contact Factory
TBL-PTFE-375X500	3/8"	1/2"	1/16"	2-1/2"	155 PSI
TBL-PTFE-437X500	7/16"	1/2"	1/32"	6.00"	75 PSI
Metric Sizes					
TBL-PTFE-2MMX4MM	2MM	4MM	1MM	Contact Factory	Contact Factory
TBL-PTFE-4MMX6MM	4MM	6MM	1MM	1"	208 PSI
TBL-PTFE-6MMX8MM	6MM	8MM	1MM	2"	125 PSI
TBL-PTFE-10MMX12MM	10MM	12MM	1MM	4"	104 PSI



TBL Also Offers Color Striping in 5 Different Colors!
Please specify whether you prefer **Green**, **Red**, **Blue**, **Black**, or **Yellow**.

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Physical Properties

Properties	Method	Value
Hardness	D2240	60 Shore D
Tensile Strength, (PSI)	D1708, D638	3500
Tensile modulus (PSI)	D638	80,000
Elongation (%)	D1708, D638	300
Compressive Strength (PSI)	D695	3500
Impact Strength (Ft-Lb/in)	D256 @ 74 Fahrenheit (23 C)	3.5
Flexural Modulus (PSI)	D790 @ 74 Fahrenheit (23 C)	90,000
Brittle Temp	-51 units	-41
Specific Gravity	D 792	2.15
Melting Point	N/A	620°F (327°C)
Deflection Temperature @66 PSI	D648	252°F (122°C)
Deflection Temperature @264 PSI	D648	131°F (55°C)

Applications

Laboratory
Chemical Process
Analytical and Process Equipment
Emission Monitoring
Cryogenic Applications
High Temperature Applications
Electronics
Ozone
Automotive Paint Spray
Automotive Push Pull Cables
Automotive Hose Assemblies
Hydrocarbons



TBL

PTFE™ Polytetrafluoroethylene Tubing

Benefits

Non flammable
Low permeability
No Pasticizers
Non-stick surface
FDA compliant
Excellent Electrical properties
Resistant to nearly all industrial chemicals

Packaging

Continuous coils or Pre-cut lengths
Clean Room Packaging
Colors and Tracer Stripes available

Sterilization

Ethylene Oxide (ETO)
Autoclave

Certifications

CFR Title 21 Section 177.1550
USP Class VI
Exceeds ASTM D 3295-03
UL 94 VO Rated