

Vinyl Tubing

Vinyl tubing is ideal for fluid transfer applications where it is beneficial (or necessary) to see the movement of the fluid. These clear transparent tubings offer good chemical resistance to a wide range of fluids. The better grades of Tygon can be used for short term applications in peristaltic pumps. Tygon LFL offers the longest pump performance of the batch.

Select from industrial, food grade, pharmaceutical grade, fuel grade and vacuum tubings. Available in two package sizes. Call for quantity discounts.

*Clear, transparent tubing
 Good Chemical Resistance
 Select from low cost, Lab Grade, Pharmaceutical Grade, Fuel Grade and Vacuum Grade.
 Economical Packages*



Vinyl tubing is a clear tubing that makes checking on fluid transfer a breeze.

Low Cost Vinyl - TBG008

This low cost tubing is ideal for general purpose fluid transfer applications where more chemical resistance is required than silicone. It is an ideal choice for solving a wide range of industrial piping problems. Non-toxic. Clear.

Colored tubing is available.

Temperature range: -43° to 82°C (-45° to 180°F)

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/8 x 1/4 x 1/16	TBG008.007	TBG008.107	59
5/32 x 9/32 x 1/16	TBG008.010	TBG008.110	51
3/16 x 5/16 x 1/16	TBG008.012	TBG008.112	51
1/4 x 3/8 x 1/16	TBG008.017	TBG008.117	20



Fuel & Lubricant (Tygon® F-4040-A) - TBG015

A consistent performer lot after lot, Tygon® Fuel and Lubricant Tubing is the most requested fuel and lubricant tubing for a variety of applications -- from small engine fuel lines to coolant transfer. Specifically designed to handle most fuels and industrial lubricants, Tygon® F-4040-A tubing resists the swelling and hardening caused by hydrocarbon-based fluids. This significantly reduces the risk of failure due to cracking and leakage. Its minimum extractability safeguards the liquid or vapor being transferred against adulteration.

Sterilization not recommended. Yellow. Clear.

Temperature range: -37° to 74°C (-35° to 165°F)

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/8 x 1/4 x 1/16	TBG015.007	TBG015.107	30
3/16 x 5/16 x 1/16	TBG015.012	TBG015.112	18.6
1/4 x 3/8 x 1/16	TBG015.017	TBG015.117	13.5
5/16 x 7/16 x 1/16	TBG015.022	TBG015.122	10.8
3/8 x 1/2 x 1/16	TBG015.027	TBG015.127	9
7/16 x 9/16 x 1/16	TBG015.032	TBG015.132	7.8
1/2 x 5/8 x 1/16	TBG015.036	TBG015.136	6



Vinyl - Tubing

Long Flex Life (Tygon® LFL) - TBG013

Crystal-clear Tygon® Long Flex Life Pump Tubing is formulated specifically for use in peristaltic pump applications. With its superior flex life characteristics, manufacturing processes can be simplified by reducing production downtime due to pump tubing failure. The excellent wear properties of Tygon® LFL Pump Tubing also lead to a reduction of particulate spallation. This feature limits the risk of sensitive-fluid contamination critical to the pharmaceutical, cosmetic, food and beverage industries. FDA-compliant (21CFR175.300) and meets USP Class IV requirements. Limited autoclavability.

Temperature range: -50° to 74°C (-58° to 165°F)

ID" x OD" x Wall"	5 ft/pk	25 ft/pk	PSI(max)
1/16 x 3/16 x 1/16	TBG013.003	TBG013.103	70
1/8 x 1/4 x 1/16	TBG013.007	TBG013.107	43
3/16 x 5/16 x 1/16	TBG013.012	TBG013.112	31
1/4 x 3/8 x 1/16	TBG013.017	TBG013.117	25
1/4 x 1/2 x 1/8	TBG013.019	TBG013.119	35
5/16 x 7/16 x 1/16	TBG013.022	TBG013.122	21
3/8 x 5/8 x 1/8	TBG013.029	TBG013.129	25
1/2 x 3/4 x 1/8	TBG013.038	TBG013.138	20
3/4 x 1-1/4 x 1/4	-	TBG013.157 (10ft)	24
1 x 1-3/8 x 3/16	-	TBG013.164 (10ft)	15



Ultra Soft (Tygon® R-1000) - TBG014

Tygon® Ultra-Soft Tubing resists a broad range of aqueous chemicals and provides an excellent alternative to silicone tubing in applications where corrosive chemicals are used. Its minimal resistance to compression permits use in low-torque pump applications including battery driven types.

Tygon® R-1000 Tubing stays flexible at temperatures as low as -100°F (-73°C). Its smooth bore facilitates easy cleaning and helps prevent possible buildup. Do not autoclave. Durometer hardness: Shore A, 40. Clear.

Temperature range: -50° to 74°C (-58° to 165°F)

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/16 x 3/16 x 1/16	TBG014.003	TBG014.103	55
1/8 x 1/4 x 1/16	TBG014.007	TBG014.107	30
3/16 x 5/16 x 1/16	TBG014.012	TBG014.112	20
1/4 x 3/8 x 1/16	TBG014.017	TBG014.117	15
1/4 x 1/2 x 1/8	TBG014.019	TBG014.119	30
5/16 x 7/16 x 1/16	TBG014.022	TBG014.122	15
3/8 x 1/2 x 1/16	TBG014.027	TBG014.127	10
1/2 x 5/8 x 1/16	TBG014.036	TBG014.136	10
1/2 x 3/4 x 1/8	TBG014.038	TBG014.138	15



Vacuum Tube (Tygon® R-3603) - TBG016

Tygon® Vacuum Tubing has extra-heavy walls that will withstand a full vacuum at room temperature (29.9" [759 mm] of mercury at 23°C [73°F] 23°C) and up to 27" [686 mm] of mercury at 140°F [60°C].

Low vapor pressure (low outgassing) makes it suitable for vacuum applications down to 3 x 10⁻² mm Hg at 165°F (74°C). Ideal for analytical testing of gases or vapors. Well-suited for use in making manometers.

Temperature range: -50° to 74°C (-58° to 165°F)

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
3/16 x 9/16 x 3/16	TBG016.015	TBG016.015	60
1/4 x 5/8 x 3/16	TBG016.020	TBG016.020	50
3/8 x 7/8 x 1/4	TBG016.030	TBG016.030	50
1/2 x 1-1/8 x 5/16	TBG016.040	TBG016.040	45
5/8 x 1-3/8 x 3/8	TBG016.049	TBG016.149	40
3/4 x 1-1/2 x 3/8	TBG016.058	TBG016.158	35
1 x 2 x 1/2	TBG016.066	TBG016.166	35



Vinyl - Tubing

Lab Tubing (Tygon® R-3603) - TBG009

Crystal-clear and flexible, Tygon® Laboratory Tubing handles virtually all inorganic chemicals found in the lab. It is non-oxidizing and non-contaminating. Long-lasting and crack-resistant, Tygon® R3603 is less permeable than rubber tubing. The glassy-smooth inner bore helps prevent buildup so that cleaning is facilitated. Coils are marked at 1-foot intervals for easy measuring. FDA-compliant (21CFR175.300). Limited autoclavability. Remains flexible at -45°F (-43°C). Durometer hardness: Shore A, 55.

Temperature range: -50° to 74°C (-58° to 165°F)

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/32 x 3/32 x 1/32	TBG009.001	TBG009.101	80
1/16 x 1/8 x 1/32	TBG009.002	TBG009.102	45
1/16 x 3/16 x 1/16	TBG009.003	TBG009.103	75
3/32 x 5/32 x 1/32	TBG009.004	TBG009.104	30
3/32 x 7/32 x 1/16	TBG009.005	TBG009.105	55
1/8 x 3/16 x 1/32	TBG009.006	TBG009.106	25
1/8 x 1/4 x 1/16	TBG009.007	TBG009.107	45
5/32 x 7/32 x 1/32	TBG009.009	TBG009.109	20
5/32 x 9/32 x 1/16	TBG009.010	TBG009.110	35
3/16 x 1/4 x 1/32	TBG009.011	TBG009.111	20
3/16 x 5/16 x 1/16	TBG009.012	TBG009.112	30
3/16 x 3/8 x 3/32	TBG009.013	TBG009.113	40
3/16 x 7/16 x 1/8	TBG009.014	TBG009.114	55
1/4 x 5/16 x 1/32	TBG009.016	TBG009.116	15
1/4 x 3/8 x 1/16	TBG009.017	TBG009.117	25
1/4 x 7/16 x 3/32	TBG009.018	TBG009.118	35
1/4 x 1/2 x 1/8	TBG009.019	TBG009.119	40
5/16 x 7/16 x 1/16	TBG009.022	TBG009.122	20
5/16 x 1/2 x 3/32	TBG009.023	TBG009.123	30
5/16 x 9/16 x 1/8	TBG009.024	TBG009.124	35
5/16 x 5/8 x 5/32	TBG009.025	TBG009.125	45
3/8 x 1/2 x 1/16	TBG009.027	TBG009.127	20
3/8 x 9/16 x 3/32	TBG009.028	TBG009.128	25
3/8 x 5/8 x 1/8	TBG009.029	TBG009.129	30
7/16 x 9/16 x 1/16	TBG009.032	TBG009.132	15
7/16 x 5/8 x 3/32	TBG009.033	TBG009.133	20
7/16 x 11/16 x 1/8	TBG009.034	TBG009.134	25
1/2 x 5/8 x 1/16	TBG009.036	TBG009.136	10
1/2 x 11/16 x 3/32	TBG009.037	TBG009.137	20
1/2 x 3/4 x 1/8	TBG009.038	TBG009.138	25
1/2 x 13/16 x 5/32	TBG009.039	TBG009.139	30
9/16 x 3/4 x 3/32	TBG009.041	TBG009.141	15
9/16 x 13/16 x 1/8	TBG009.042	TBG009.142	20
5/8 x 13/16 x 3/32	TBG009.045	TBG009.145	15
5/8 x 7/8 x 1/8	TBG009.046	TBG009.146	20
5/8 x 15/16 x 5/32	TBG009.047	TBG009.147	25
11/16 x 7/8 x 5/32	TBG009.050	TBG009.150	15
3/4 x 1 x 1/8	TBG009.053	TBG009.153	18
3/4 x 1-1/16 x 5/32	TBG009.054	TBG009.154	20
3/4 x 1-1/8 x 3/16	TBG009.055	TBG009.155	25
3/4 x 1-1/4 x 1/4	TBG009.057	TBG009.157	30
7/8 x 1-1/8 x 1/8	TBG009.059	TBG009.159	15
7/8 x 1-3/16 x 5/32	TBG009.060	TBG009.160	20
1 x 1-1/4 x 1/8	TBG009.062	TBG009.162	15
1 x 1-3/8 x 3/16	TBG009.064	TBG009.164	20
1 x 1-1/2 x 1/4	TBG009.065	TBG009.165	25
1-1/8 x 1-1/2 x 3/16	TBG009.068	TBG009.168	18
1-1/4 x 1-1/2 x 1/8	TBG009.069	TBG009.169	12
1-1/4 x 1-5/8 x 3/16	TBG009.070	TBG009.170	15
1-1/2 x 1-7/8 x 3/16	TBG009.073	TBG009.173	20
1-1/2 x 2 x 1/4	TBG009.074	TBG009.174	18
1-3/4 x 2-1/4 x 1/4	TBG009.076	TBG009.176	16
2 x 2-1/2 x 1/4	TBG009.078	TBG009.178	15



IMPORTANT: It is the user's responsibility to ensure the suitability and safety of the tubing for all intended uses.

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Specifications subject to change.

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