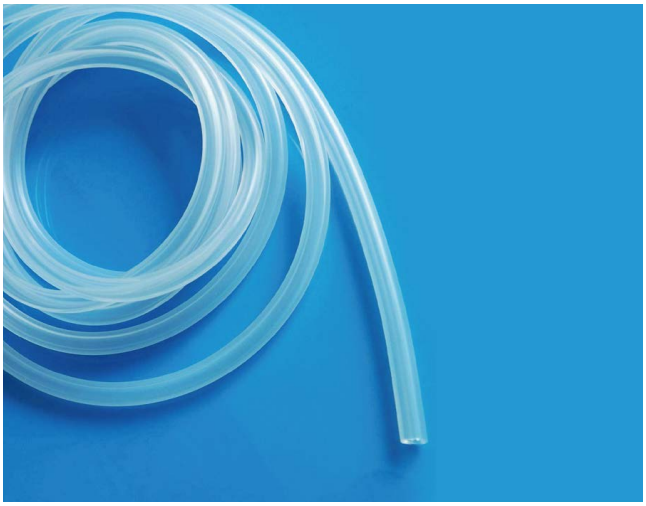


Lead Fluid Silicone Tubing

Lead Fluid silicone tube is made of imported silicone rubber material and processed by platinum vulcanization process, high cleanliness, excellent elasticity and abrasion resistance, it is a high-quality peristaltic pump tube and transmission tube. It is widely used in pharmaceutical, bioengineering, fine chemical, food, medical and other fields.

Function and Feature:

1. Has excellent biocompatibility.
2. Odorless, non-toxic, no plasticizer, very little precipitation.
3. The inner wall is very smooth and has good antibacterial performance.
4. Good elasticity, can quickly restore shape after radial compression (Shore Hardness:50~55)
5. Weatherproof, ozone-resistant, anti-radiation, excellent anti-aging performance.
6. Suitable for neutral liquids, weak acids, weak bases and some low-concentration solvents.
7. Temperature resistance range -50~230℃ under static state, -40~100℃ temperature resistance under working condition.
8. Can use hot water, distilled water for cleaning; high temperature and high pressure, ethylene oxide, gamma ray sterilization.
9. The color is transparent, translucent to milky white, etc.

Silicone Tubing Specifications:

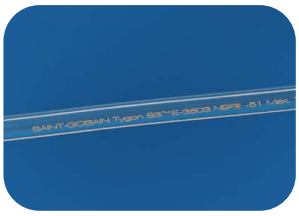
Tubing No.		0.5x0.92	1x0.92	2x0.92	2.4x0.92	3x0.92	13#	14#	19#	16#	25#	17#	18#
Tubing section (1:1)													
Wall thickness (mm)		0.92					1.6						
ID (mm)		0.5	1.0	2.0	2.4	3.0	0.8	1.6	2.4	3.1	4.8	6.4	7.9
Tubing pressure (Mpa)	Continuous	0.1					0.17				0.14	0.1	0.07
	Interval	0.1					0.27				0.24	0.14	0.1

Tubing No.		114#	119#	116#	15#	24#	35#	36#
Tubing section (1:1)								
Wall thickness (mm)		2.4						
ID (mm)		1.6	2.4	3.1	4.8	6.4	7.9	9.6
Tubing pressure (Mpa)	Continuous	0.17					0.14	
	Interval	0.27					0.24	

Tubing No.		73#	82#	193#	191#	88#	92#
Tubing section (1:1)							
Wall thickness (mm)		3.3		4.8			
ID (mm)		9.6	12.7	9.5	19	12.7	25.4
Tubing pressure (Mpa)	Continuous	0.17	0.1	0.14			
	Interval	0.27	0.1	0.14			

1. The tubing picture in the table is a 1:1 cross-sectional view of the actual product 2. The tubing specifications are marked with a tubing no. or "ID × wall thickness", such as： 25# or 4.8×1.6mm.
3. The wall thickness of 1.6mm or more can adapt to the higher speed of the peristaltic pump, generally up to 600rpm. High speed cannot be used below 1.0mm wall thickness, generally not more than 100rpm.

Imported Pump Tubing



Tygon S3™ E-3603

Tygon S3™ tubing based on bio-materials combines high-performance standards required by customers with bio-environmentally friendly requirements. Crystal-like transparency, flexibility, durability, and anti-cracking characteristics make the delivery performance of the new Tygon S3™ E-3603 tube meet your needs.

Tygon S3™ E-3603 tubing does not contain phthalate plasticizers and is used to transport the most demanding food and beverages.It will not be oxidized and contaminated, and the air tightness is better than that of a rubber tube. The glass-smooth cavity helps prevent particles from accumulating and facilitates cleaning.

Tygon® SPT-3350

The inner surface smoothness of Tygon® SPT-3350 silicone tube is three times that of other silicone tubes, reducing the risk of particle retention and micro-scale fouling when transporting fluid.

Due to the smoother fluid flow, the overall hygiene of the conveying system is also better. Tygon® SPT-3350 silicone tubing will not be clogged even if it is reused, which is helpful for thorough cleaning and disinfection.

Comply with USP Class VI, FDA and NSF related standards. The biocompatibility of Tygon3350 can reach ISO10993 standard. The max operating temperature can reach 205 °C.

Tygon® Chemical

As a high-performance co-extrusion product, Tygon chemical peristaltic pump tubing adopts a special formula to ideally combine chemical resistance and pump tubing life. Its inert, super-smooth, plasticizer-free inner cavity can inhibit fluid adsorption or adhesion, and its Tygon elastic outer layer ensures long pump tube life.

Tygon chemical peristaltic pump tubing is the best choice for disinfection and detergent delivery.

- Long life of peristaltic pump tube
- Withstand a wide temperature range, from -60℃ to 74℃
- Excellent chemical resistance
- Plasticizer-free cavity
- Meets FDA's food contact requirements
- Anti-fluid adsorption/adhesion performance
- Hardly affected by chemical disinfectants and cleaning agents.

Tygon® Pharmed BPT

Maintains the integrity of the fluid during delivery, and delivers fluid through a peristaltic pump, reducing the risk of fluid contacting any part of the pump body. It has a long service life of the pump tube, shortens the production downtime caused by the failure of the pump tube, and simplifies the production process. The PharMed® BPT tubing is easy to clean and disinfect. It is compatible with almost all commercially available cleaning agents and disinfectants, and it can also be exposed to up to 5MRads of cobalt 60 gamma irradiation. In terms of gas and vapor permeability, PharMed® BPT tubing is lower than silicone tubing. PharMed® BPT tubing has good chemical resistance and excellent resistance to acids, alkalis and oxides. Since it is impervious to visible and UV light, PharMed® BPT hose helps protect light-sensitive fluids.

- The service life of the peristaltic pump tube is 30 times better than that of the silicone tube
- High temperature and high pressure sterilization can be repeated
- The temperature range is -60F(-51°C) to 275F(135°C)
- Can withstand repeated CIP and SIP
- Comply with REACH, RoHS, USP Class VI, FDA, NSF and ISO 10993 certification

Tygon® A-60-F

Tygon® A-60-F tubing is designed to transport the specified food or beverage in the temperature range of -59°C to 135°C without cracking or aging.

The tubing has excellent flexibility, simple and quick installation, anti-knot and anti-deformation. Its excellent resistance to bending fatigue makes thistubing particularly suitable for use in peristaltic pumps for dispensing equipment.

Because the tubing can be repeatedly heated and pressurized, it can be steam cleaned online without frequent replacement. When it is strictly disinfected, it exhibits excellent chemical resistance and is completely unaffected by various cleaning methods.

- Long service life in peristaltic pumps
- Wide temperature range, from -59°C to 135°C
- Can withstand almost all common disinfectants and cleaning agents
- Ozone and UV resistant
- Can be heated and pressurized repeatedly
- Chemical resistance to a variety of foods and cleaning agents

Versilon™F-5500-A \Viton®

Made of patented fluorine rubber, its physical and chemical properties make it an ideal choice for harsh environment hoses, such as dry cleaning cleaning fluids and solvent recovery systems, where most tubing are not suitable.

Can work continuously at temperatures up to 400°F (204°C) . At the same time, the black body of the tubing can protect the transported light-sensitive materials, and will not crack and age prematurely under the influence of ozone, sunlight and bad weather.

- Can work continuously at temperatures up to 204°C
- Excellent resistance to corrosion chemicals, oils, fuels and solvents
- Resistance to ozone and sunlight, good weather resistance
- Opaque black can protect light-sensitive fluids

Tygon® 2475

No plasticizers, no particles precipitated.

Good hydrophobicity, very smooth inner wall; resistant to corrosion by strong acids, strong alkalis and a variety of organic solvents.

Comply with USP Class VI, FDA and NSF related standards.

Tygon® F-4040-A

Tygon® F-4040-A fuel and lubricating oil delivery pipe can withstand the swelling and hardening caused by hydrocarbon fluids, so it is specially designed to deliver most fuels and industrial lubricants. The application of the tubing can significantly reduce failures caused by rupture and leakage.Its extremely low precipitation can protect the conveyed fluid or steam from being mixed with impurities.

- Embrittlement resistance
- Compatible with most hydrocarbons
- Anti-swelling
- Excellent flexibility, high flexibility, easy to install
- Specially used to transport fuel and lubricants
- Ozone and UV resistant