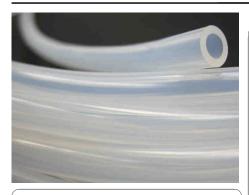


MD50-PL-SIL

Platinum Cured Medical Grade Silicone Tubing



Specifications

- USP Class VI (Material Only)
- EU Directive 2011/65/EU (RoHS2)

- Operating Temperature is –73°C to 204°C
- Low Temperature Flexibility
- Lead Free

Features

- Non-Toxic
- Platinum-Cured (Highest Level of Purity/ Least Extractable)

Product Description

Grayline MD50-PL-SIL is a very flexible, platinum-cured medical grade tubing that offers excellent resistance to extreme temperatures. It's surface properties resist sticking and will not support bacteria growth. The tubing is soft, pliable, and contains no plasticizers which could leach out, causing flow contamination or tube hardening. It is non-reactive to body tissues and fluids and can also be reused after exposure to repeated sterilizations. However, it will relax and become gummy after it has been exposed to multiple sterilizations and should be replaced. Long term exposure to high temperature or pressure will also have the same effect on the tubing. Grayline MD50-PL-SIL is manufactured under good manufacturing procedures in a controlled environment. Typical applications include pharmaceutical, biomedical, health and beauty, food, and beverage handling. Fittings, clamps, sharp barbed fittings, and unlined metal clamps can tear into the silicone tubing wall and should be selected with caution.

Standard Packaging: Individual, non-sterile, heat-sealed poly bags. Sterilization required prior to use.

Standard Color: Natural Translucent

Custom Colors & Sizes Available Upon Request

Custom Services: Hardness & Cut Length

PROPERTY	TYPICAL VAL- UE
Durometer Hardness, Shore A (15 Seconds)	50
Tensile Strength (psi)	1,100
Elongation (%)	650
Tear Resistance, Die B (ppi)	200
Brittleness Temperature (°C)	-73
Compression Set (%)	35

Standard Sizes

ID	O.D.	Wall	Standard Coil
(Inches)	(Inches)	(Inches)	Length (FT)
0.030	0.160	0.065	50
0.063	0.125	0.031	50
0.063	0.188	0.063	50
0.125	0.250	0.063	50
0.125	0.313	0.094	50
0.188	0.313	0.063	50
0.188	0.375	0.094	50
0.250	0.375	0.063	50
0.250	0.438	0.094	50
0.250	0.500	0.125	50
0.313	0.438	0.063	50
0.313	0.500	0.094	50
0.375	0.500	0.063	50
0.375	0.563	0.094	50
0.375	0.625	0.125	50
0.500	0.750	0.125	50
0.625	0.875	0.125	50

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. Grayline Medical tubing products are sold upon condition that purchasers shall make their own assessment of suitability of specific tubing products for their particular application or use. Purchasers assume all risk and liability for the use of these products, including use in accordance with the seller's recommendations. Grayline tubing is not intended for use as an implant material.