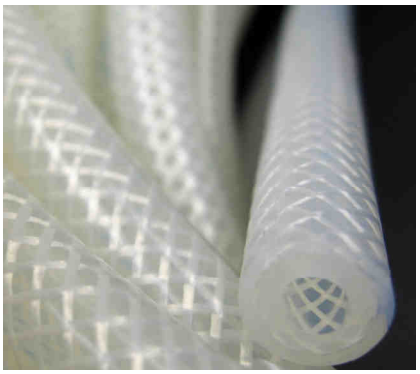
GRAYLINE LLC

FB70-BR-SIL

Braid Reinforced Silicone Hose



Specifications

- NSF 51 (Material Only)
- FDA Title 21 (Material Only)
- EU Directive 2011/65/EU (RoHS2)

Features

- Operating Temperature is –62ºC to 176ºC
- Low Temperature Flexibility
- Higher Pressure Capability
- Lead Free
- Non-Toxic
- UV, Ozone, & Moisture Resistant

Product Description

Grayline FB70-BR-SIL is a polyester braid reinforced, peroxide-cured flexible tubing that offers excellent resistance to increased pressure and temperatures. It does not contain sulfur or other acid-producing chemicals. This eliminates the possibility of staining, corroding, or deteriorating other materials it contacts. The design of FB70-BR-SIL allows an excellent bend radii and permits installation in restricted spaces. It can be low pressure steam sterilized in-line or autoclaved at up to 250°F in a normal autoclaving cycle. 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 FB70-BR-SIL is well suited for increased pressure food contact applications because it is odorless, tasteless, inert and is made from 100% FDA-sanctioned ingredients. Fittings, clamps, sharp barbed fittings, and unlined metal clamps can tear into the silicone tubing wall and should be selected with caution.

Standard Packaging: Coils
Standard Color: Natural Translucent
Custom Services: Hardness & Overbraid
Other Colors and Custom Sizes Available Upon Request

PROPERTY	TYPICAL VALUE
Core - Durometer Hardness, Shore A	70
Cover—Durometer Hardness, Shore A	60
Tensile Strength (psi)	1,000
Elongation (%)	350
Brittleness Temperature (°C)	-62

Standard Sizes

ID (Inches)	OD (Inches)	Wall (Inches)	Standard Coil Length (FT)	Max. Working PSI @ 70°F	Burst PSI @ 70°F	Weight (LB/100FT)
0.125	0.365	0.120	100	233	699	5
0.188	0.447	0.130	100	216	648	7
0.250	0.520	0.135	100	208	624	9
0.313	0.592	0.140	100	183	549	11
0.375	0.655	0.140	100	166	498	13
0.500	0.800	0.150	100	141	423	17
0.625	0.965	0.170	50	116	348	23
0.750	1.100	0.175	50	91	273	28
1.000	1.380	0.190	50	75	225	36

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