RF-SBX

Medical Grade Braid Reinforced Peroxide Cured Silicone Tubing

RF-SBX

ID (IN.)	OD (IN.)	WORKING PSI AT 70°F	BURST PSI AT 70°F*	PART NO.
1/8	.365	233	699	RF140180
3/16	.447	216	648	RF140257
1/4	.520	208	624	RF140334
5/16	.592	183	549	RF140411
3/8	.655	166	498	RF140488
1/2	.800	141	423	RF140565
3/4	1.100	91	273	RF140719
1	1.360	75	225	RF140873

Sold by standard coil length only (25 ft.).
*Burst pressures can be expected to decrease by at least 20% for each 200°F increase up to 350°F.

Physical Properties*

Hardness, Shore A ±5 – Core	70
Hardness, Shore A ±5 – Cover	60
Tensile Strength, psi	1000
Elongation at Break, %	350
Brittle Temperature, °F	-80
Maximum Operating Temp., °F	350

* Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

- Medical & Dental Equipment
- Pharmaceutical Processing
- Laboratory Uses
- Insulation Sleeving
- Food Handling
- Beverage & Dairy Service
- Gaskets, Seals & O-Rings
- Hot Fill & Vacuum Systems
- Fermenter Lines
- Sterile Bottle Filing
- Surgical Drains
- I.V. Administration
- Blood & Biological Fluid Handling
- Dialysis
- Clean Rooms
- Cell Culturing
- Vaccine Transfer

- Open mesh polyester braiding incorporated within the walls of silicone tubing
- **Silicone elastomer meets USP class VI requirements**
- **Translucent natural color for visual contact with the flow**
- **Able to resist extreme temperature variation**: -80˚F to 350˚F
- **Odorless, tasteless, and inert**
- All ingredients are **non-toxic and FDA-sanctioned** for use with food contact surfaces

Rubber Fab's peroxide cured silicone hose is made of a core of silicone elastomer, an open polyester braid reinforcing layer, and a cover layer of silicone elastomer. **Lot traceability, are applicable to all Class VI ingredients**.

The hose's smooth bore, coupled with its resistance to allow material to adhere to the tube wall, **facilitates easy cleaning and system purging**. It may be low-pressure steam sterilized in-line or autoclaved at up to 250˚F in a normal autoclaving cycle. However, if exposed to repeated steam sterilization or long-term high temperature or pressure, silicone will eventually relax, become gummy, and should be replaced.

The peroxide-cured braided hose is supplied in individual, non-sterile, heat-sealed poly-bags and should be sterilized prior to use.

Note: Rubber Fab's peroxide cured silicone braided hose is not recommended for implant or in-body uses. Care is recommended in the selection and application of fittings and clamps. Sharp, barbed fittings or unlined metal clamps could tear into the hose wall and cause possible failure, especially at elevated pressures.

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