

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 Sleaving
- 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

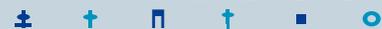
- Open mesh polyester braiding incorporated within the walls of silicone tubing
- **Silicone elastomer meets USP class VI requirements**
- **Translucent natural color for visual contact with the flow**
- **Able to resist extreme temperature variation: -80°F to 350°F**
- **Odorless, tasteless, and inert**
- 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 polybags 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.



Rubberfab Mold & Gasket • Limecrest Road
P.O. Box 626 • Andover, NJ 07821
phone: 973-579-2959 fax: 973-579-7275

www.rubberfab.com

Rubberfab Mold & Gasket is a member of:

