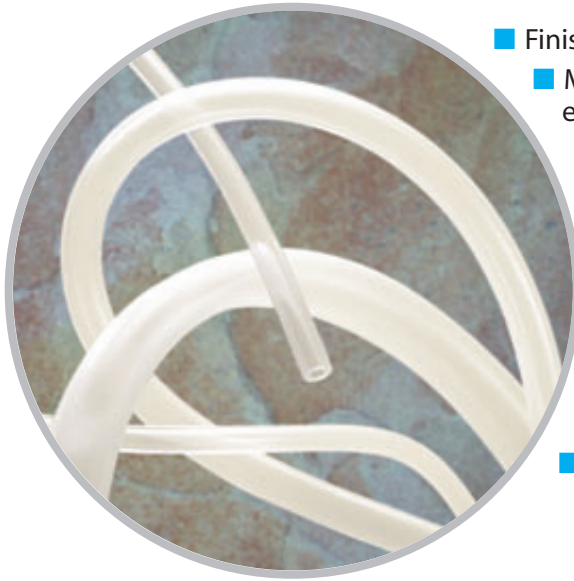


Medical Grade Silicone Tubing



- Finished product meets USP Class VI requirements
- Manufactured under good manufacturing procedures in a controlled environment
- Able to resist extreme temperature variation: -100°F to 400°F
- Reusable — will withstand repeated sterilization[^]
- Translucent natural color for visual contact with the flow
- Odorless, tasteless, and inert
- Raw materials meet FDA requirements per FDA 21 CFR 177.2600 for use with food contact surfaces
- May be used on peristaltic pumps
- Free of BPA, latex and phthalates
- RoHS compliant



Notes

SILCON MEDICAL tubing is made under good manufacturing procedures and conforms to the biocompatibility requirements of USP Class VI. SILCON MEDICAL's surface properties resist sticking and encrustation, 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.

Care is recommended in the selection and application of fittings and clamps as sharp barbed fittings or unlined metal clamps could tear into the tubing wall.

[^]If exposed to repeated steam sterilization or long-term high temperature or pressure, silicone will eventually relax and become gummy. It should then be replaced.

Peroxide-cured SILCON MEDICAL tubing is supplied in individual, non-sterile, heat-sealed polybags and should be sterilized prior to use.

SILCON MEDICAL is not recommended for implantable or in-body uses or for continuous steam applications.

Physical Properties**

Hardness, Shore A ±5	60
Tensile Strength, psi	1305
Elongation at Break, %	429
Tear Resistance, Die B, pli	177
Modulus at 100%, psi	230
Brittle Temperature, °F	-100
Maximum Operating Temperature, °F	400

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

PART NO.	SUGGESTED SIZES FOR PUMPS††	ID (IN.)	OD (IN.)	WALL (IN.)	STANDARD LENGTH (FT.)
281 0304		.030	.065	.018	50
281 0381		1/32	5/32	1/16	50
281 0458	•	.040	.085	.023	50
281 0689		1/16	1/8	1/32	50
281 0766		1/16	3/16	1/16	50
281 0843	•	5/64	1/8	.024	50
281 0920		.104	.192	.044	50
281 0997		1/8	1/4	1/16	50
281 1151		3/16	5/16	1/16	50
281 1228	•	3/16	3/8	3/32	50
281 1305	•	1/4	3/8	1/16	50
281 1382	•	1/4	7/16	3/32	25
281 1459	•	1/4	1/2	1/8	25
281 1536		5/16	7/16	1/16	25
281 1613	•	5/16	1/2	3/32	25
281 1844	•	3/8	5/8	1/8	25
281 1921*		1/2	5/8	1/16	25

*Limited stock availability; lead times and minimums may apply — call for details.

Sold by standard coil length only. Add length suffix to part number when ordering.

Example: 50 ft. of .030" I.D. x .065" O.D. tubing is part number 281 0304-50.

††Most common peristaltic pump sizes based on I.D. and wall requirements.

BOLD indicates the critical dimension for fittings application.



Recommended Fittings & Clamps

- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

Custom Services

- **Cut** ■ **Hardness**
- **Size** ■ **And More**

Call for more information
800-506-3924