



# PROFESSIONAL PLASTICS

## Silcon® Med-X

### Platinum Cured Medical Grade Silicone Tubing



- Silicone elastomer meets USP Class VI requirements
- Manufactured under good manufacturing procedures in a controlled environment
- Platinum cured for the highest degree of purity (least extractables)
- Reusable — will withstand repeated sterilization†
- Nonreactive to body tissues and fluids
- Applications include pharmaceutical, biomedical, health and beauty, food, and beverage handling



Made in U.S.A.

#### Notes

SILCON MED-X tubing is made under good manufacturing procedures and conforms to the biocompatibility requirements of USP Class VI.

SILCON MED-X'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.

Other sizes and 60A durometer material are also available — call for details.

SILCON MED-X is not recommended for implantable or in-body uses.

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

SILCON MED-X is supplied in individual, heat-sealed polybags and should be sterilized prior to use.

#### Physical Properties\*\*

Hardness, Shore A ±5	50
Tensile Strength, psi	1100
Elongation at Break, %	650
Modulus at 100 %	120
Tear Resistance, Die B ppi	200
Temperature Range, °F	-100 to 400
Temperature Range, °C	-73.3 to 204.4
Compression Set, %	35

\*\*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.	ID (IN.)	OD (IN.)	WALL (IN.)
284 0404	.030	.160	.065
284 0677	1/16	1/8	1/32
284 0684	1/16	3/16	1/16
284 0978	1/8	1/4	1/16
284 0985	1/8	5/16	3/32
284 1174	3/16	5/16	1/16
284 1181	3/16	3/8	3/32
284 1272	1/4	3/8	1/16
284 1279	1/4	7/16	3/32
284 1286	1/4	1/2	1/8
284 1370	5/16	7/16	1/16
284 1377	5/16	1/2	3/32
284 1468	3/8	1/2	1/16
284 1475	3/8	9/16	3/32
284 1482	3/8	5/8	1/8
284 1580	1/2	3/4	1/8
284 1678	5/8	7/8	1/8

Sold by standard coil length (50 ft); additional lengths may be available — call for details. Add length suffix to part number when ordering. Example: 50 ft. of .030" I.D. x .160" O.D. tubing is part number 284 0404-50.

**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

- Size
- Hardness
- Color
- And More

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