

Suprene®

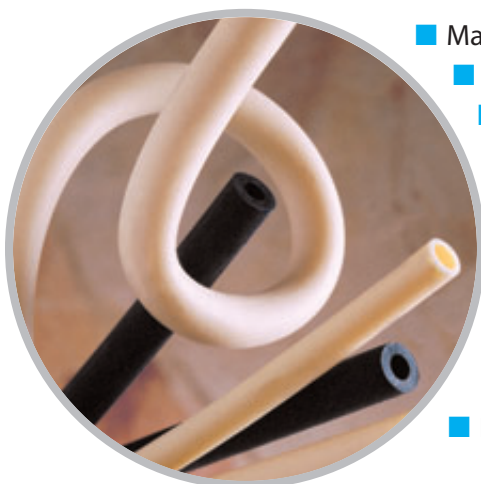
Thermoplastic Rubber Tubing



ESOP Employee Owned
for Your Benefit

Fluid Transfer Specialists®

TPR Tubing



- Made of first-quality, polypropylene-based, thermoplastic rubber (TPR)
- Outstanding compression characteristics and toughness for peristaltic pump uses
- Maintains good flexibility at low temperatures
- RoHS compliant
- Free of conflict minerals
- Available in FDA or industrial grade
- FDA grade is autoclavable
- Industrial grade is well suited for outdoor use
- FDA raw material complies with National Sanitation Foundation standards (NSF-51) and FDA 21 CFR 177.2600
- FDA raw material meets UL94 HB burn rating



Notes

SUPRENE offers excellent flex fatigue resistance and good tear resistance, making it an ideal choice for peristaltic pump applications. The FDA raw material is suitable for a variety of clean uses and is autoclavable to ensure cleanliness.

Black industrial SUPRENE offers good resistance to U.V. radiation, ozone, chemicals and other fluids. It will also handle applications where oil may splash onto the tubing and is well suited for outdoor use.

Physical Properties**

	Natural FDA	Black Ind.
Hardness, Shore A, ±5	69	69
Tensile Strength, psi	957	1020
Elongation at Break, %	490	450
Tear Strength, ppi	131	131
Brittle Temperature, °F	-76	-76
Maximum Recommended Operating Temp., °F	275	275

**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.

SUPRENE – Natural FDA

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	LBS. PER 100 FT.
460 0246	1/8	1/4	.062	1.55
460 0414	3/16	5/16	.062	2.06
460 0582	1/4	3/8	.063	1.15
460 0638	1/4	1/2	.125	6.19
460 0694	5/16	7/16	.062	3.09
460 0862	3/8	1/2	.062	3.61
460 0974	3/8	5/8	.125	8.26
460 1310	1/2	3/4	.125	10.32
460 1646	5/8	7/8	.125	12.39
460 1926	3/4	1	.125	14.45

SUPRENE – Black Industrial

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	LBS. PER 100 FT.
461 0228	1/8	1/4	.062	1.55
461 0564	1/4	3/8	.063	1.15
461 0620	1/4	1/2	.125	6.19
461 0956	3/8	5/8	.125	8.26
461 1292	1/2	3/4	.125	10.32
461 1628	5/8	7/8	.125	12.39

Sold by standard length only (50 ft). Add length suffix to part number when ordering. Example: 50 ft. of 1/8" I.D. x 1/4" O.D. Black Industrial tubing is part number 461 0228-50. **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

- **Cut**
- **Size**

Call for more information:
800-506-3924 or
215-526-2300

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9/5/18

DISTRIBUTOR PARTNER



145 James Way
 Southampton, PA 18966
 www.newageindustries.com

800-50-NEWAGE
(800-506-3924)
 215-526-2300

Fax: 800-837-1856
 215-526-2190

info@newageindustries.com