

Vitube®

Flexible Tubing of Viton™



ESOP Employee Owned
for Your Benefit

NEWAGE
INDUSTRIES

Fluid Transfer Specialists®

Flexible Tubing of Viton™



- Made of 100% pure Viton, a high performance synthetic rubber
- Excellent temperature resistance: -25°F (Type B)/-7°F (Type A) to 400°F continuously; 600°F periodically
- Offers one of the widest ranges of fluid and chemical resistance of any commercial rubber
- Excellent resistance to oils, fuels, lubricants, and most mineral acids
- Also resistant to many aliphatic and aromatic hydrocarbons such as carbon tetrachloride, benzene, toluene, and xylene
- Excellent resistance to environmental exposure such as sunlight and ozone
- Available from stock in 60 and 75 Shore A durometers (Type B and Type A)



Made in U.S.A.

Notes

VITUBE's main attributes include exceptional chemical resistance at elevated temperatures. It has withstood continuous service temperatures of 600°F for 48 hours and 500°F for 1000 hours while maintaining its mechanical properties. However, care should be taken at these elevated temperatures. Tests should be performed to determine application suitability.

VITUBE possesses the high resiliency of an elastomer as well as the good mechanical properties of conventional synthetic rubbers. The heat and chemical resistance factors, however, usually go far beyond the range of other rubbers.

The 60A durometer compound is specially formulated for use in peristaltic pumps. All VITUBE formulations are produced with 100% Viton fluoroelastomers (chemical name: fluorocarbon FKM) and are matte black in color. VITUBE contains no regrind material nor blends of other elastomers.

If accidental burning of VITUBE occurs, extreme caution should be taken due to Hydrogen Fluoride and other decomposition products. Avoid inhalation of vapors liberated at service temperatures above 392°F.

If your application calls for harder VITUBE, 90A durometer is available — call for details.

Physical Properties**

	Type B	Type A
Hardness, Shore A ±5	60	75
Tensile Strength, psi, ±10%	1530	1500
Elongation at Break, %, ±10%	380	200
Brittle Point, °F	-25	-7
Max. Operating Temp., °F	400	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. 60A Type B	PART NO. 75A Type A	ID (IN.)	OD (IN.)	WALL (IN.)	STD. LENGTH (FT.)	LBS. PER 100 FT.†
260 0185	260 0192	1/32	3/32	1/32	50, 100	.50
260 0360*	260 0367* [^]	1/32	5/32	1/16	50, 100	1.48
260 0535	260 0542	1/16	1/8	1/32	50, 100	.74
260 0710	260 0717*	1/16	3/16	1/16	50, 100	1.99
260 0885		1/16	1/4	3/32	50	3.70
260 1235	260 1242	1/8	1/4	1/16	50, 100	2.97
260 1410		1/8	5/16	3/32	50, 100	5.21
260 1935	260 1942	3/16	5/16	1/16	50, 100	3.96
260 2810	260 2817	1/4	3/8	1/16	25, 50	4.94
260 2985		1/4	7/16	3/32	25, 50	8.18
260 3160	260 3167 [^]	1/4	1/2	1/8	25, 50	11.86
260 3685	260 3692	5/16	7/16	1/16	25, 50	5.94
260 3860	260 3867	3/8	1/2	1/16	25, 50	6.92
260 4035	260 4042*	3/8	9/16	3/32	25, 50	11.16
260 4210	260 4217*	3/8	5/8	1/8	25	15.82
260 4560		1/2	5/8	1/16	25	8.90
260 4910	260 4917*	1/2	3/4	1/8	25	19.77
260 5960	260 5967	3/4	1	1/8	25	27.68
260 6135	260 6142*	7/8	1	1/16	25	14.83

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

[^]Available in 50 ft. lengths only.

†These weights apply to the 60A durometer tubing; weights for 75A are slightly less. Add length suffix to part number when ordering. Example: 100 ft. of 1/32" I.D. x 3/32" O.D., 60A durometer tubing is part number 260 0185-100.

BOLD indicates the critical dimension for fittings application.

Recommended Fittings & Clamps

- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Worm gear clamps

ID/OD Measurement Tolerances

0" - .100"	±.010
.101" - .160"	±.013
.161" - .250"	±.016
.251" - .400"	±.020
.401" - .630"	±.025
.631" - 1.000"	±.032

Custom Services

- Cut
- Overbraid
- Size
- Hardness
- And More

Call for more information: **800-506-3924**

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