



FL60-VTN

Viton® Fluoroelastomer Tubing



Product Description

Grayline FL60-VTN tubing offers excellent resistance to oils, fuels, lubricants, most mineral acids, and outdoor exposure. It also resists aliphatic and aromatic hydrocarbons (carbon tetrachloride, benzene, toluene, & xylene), which would cause conventional rubbers to disintegrate.

This 60A durometer material has a high degree of resiliency and good mechanical properties which make it an excellent choice for peristaltic pumps.

Standard Packaging: Coils
Standard Color: Black

Specifications

- EU Directive 2011/65/EU (RoHS2)

Features

- Operating Temperature is -40°C to 204°C
- UV, Ozone & Chemical Resistant
- Made from 100% pure Viton® Synthetic Rubber

Standard Sizes

ID (Inches)	OD (Inches)	Wall (Inches)	Standard Coil Length (FT)	Weight (LB/100 FT)
1/32	3/32	1/32	50, 100	.50
1/32	5/32	1/16	50, 100	1.48
1/16	1/8	1/32	50, 100	.74
1/16	3/16	1/16	50, 100	1.99
1/16	1/4	3/32	50	3.70
1/8	1/4	1/16	50, 100	2.97
1/8	5/16	3/32	50, 100	5.21
3/16	5/16	1/16	50, 100	3.96
1/4	3/8	1/16	25, 50	4.94
1/4	7/16	3/32	25, 50	8.18
1/4	1/2	1/8	25, 50	11.86
5/16	7/16	1/16	25, 50	5.94
3/8	1/2	1/16	25, 50	6.92
3/8	9/16	3/32	25, 50	11.16
3/8	5/8	1/8	25	15.82
1/2	5/8	1/16	25	8.90
1/2	3/4	1/8	25	19.77
3/4	1	1/8	25	27.68
7/8	1	1/16	25	14.83

Property	Typical Value
Durometer Hardness, Shore A	60
Tensile Strength (psi)	1,450
Elongation (%)	350
Brittleness Temperature, Pass °C	-40

ID/OD Measurement Tolerances	
0.000" - 0.100"	±.010
0.101" - 0.160"	±.013
0.161" - 0.250"	±.016
0.251" - 0.400"	±.020
0.401" - 0.630"	±.025
0.631" - 1.000"	±.032

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