RF-FKM

Flexible FKM Tubing

RF-FKM

ID (IN.)	OD (IN.)	WALL (IN.)	STD. LENGTH (FT.)	PART NO. 60A	PART NO. 75A
1/32	3/32	1/32	100	RF260 0185	RF260 0192
1/32	5/32	1/16	100	RF260 0360*	RF260 0367*
1/16	1/8	1/32	100	RF260 0535	RF260 0542
1/16	3/16	1/16	100	RF260 0710	RF260 0717*
1/16	1/4	3/32	100	RF260 0885	RF260 0892*
1/8	1/4	1/16	100	RF260 1235	RF260 1242
1/8	5/16	3/32	100	RF260 1410	RF260 1417*
1/8	3/8	1/8	100	RF260 1585*	RF260 1592*
3/16	5/16	1/16	100	RF260 1935	RF260 1942
3/16	7/16	1/8	50	RF260 2110	RF260 2117*
1/4	3/8	1/16	50	RF260 2810	RF260 2817
1/4	7/16	3/32	50	RF260 2985	RF260 2992*
1/4	1/2	1/8	50	RF260 3160	RF260 3167*
1/4	9/16	5/32	50	RF260 3335	RF260 3342*
5/16	7/16	1/16	50	RF260 3685	RF260 3692
3/8	1/2	1/16	50	RF260 3860	RF260 3867
3/8	9/16	3/32	25	RF260 4035	RF260 4042*
3/8	5/8	1/8	25	RF260 4210	RF260 4217
1/2	5/8	1/16	25	RF260 4560	RF260 4567*
1/2	3/4	1/8	25	RF260 4910	RF260 4917
1/2	7/8	3/16	25	RF260 5085*	RF260 5092
5/8	1	3/16	25	RF260 5785	RF260 5792*
3/4	1	1/8	25	RF260 5960	RF260 5967
7/8	1	1/16	25	RF260 6135	RF260 6142*

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

Physical Properties*

Hardness, Shore A ±5	60	75
Tensile Strength, psi	1450	1600
Elongation at Break, %	350	150
Brittle Temperature, °F	-40	-30
Max. Operating Temp., °F	400	400

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

Tolerances

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

- A **high performance synthetic rubber**
- **Excellent temperature resistance**: -40°F 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 in 60 and 75 Shore A durometers

RF-FKM'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. Care should be taken, however, at these elevated temperatures. Tests should be performed to determine suitability.

RF-FKM **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 RF-FKM formulations are produced with 100% DuPont Dow Viton fluoroelastomers and are matte black in color. RF-FKM contains no regrind material or blends of other elastomers.

If accidental burning of RF-FKM occurs, extreme caution should be taken due to Hydrogen Fluoride and other decomposition products. Avoid inhalation of vapors liberated at service temperatures above 400F.

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