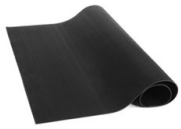
Fluoroelastomer (FKM) Rubber

Fluoroelastomer (FKM) Rubber or Viton is based on hexa-fluoropropylene vinyl-idene fluoride. The polymer has high resistance to heat with a temperature range of -20°F to + 400°F. It also possesses a good flame resistance and is usually self-extinguishing. FKM's have excellent resistance to oxygen, ozone and natural weathering and also have outstanding resistance to compression, especially at elevated temperatures. Its resistance to most solvents and chemicals give long service life as it has excellent resistance against hydrocarbons, aliphatic, aromatic and chlorinated chemicals and resistance to acids and alkalis including oxidants. However, they have poor performance against ethers, ketones and bases.



Finish	Smooth
Powder	No
Color	Black

Technical Specifications

Style#	Hardness (±5)	Tensile Strength		Elongation at break	Abrasion	Compression Set	Temperature Range (General Guidelines)		Oil Swell in ASTM oil 903
	Shore A	psi	MPa	% (min)	mm^3	% (max)	C°	F°	% (max)
IR867-70	70	1450	10	300	-	---	-30°C to +275°C	-22°F to +527°F	-

Specifications are subject to change without notice

Available Roll Sizes

Thickness		Width		Length	
Inches	mm	Inches	cm	Feet	Meter
1/16"	1.6	36 & 48	91.4 & 121.9	100	30.5
3/32"	2.4	36 & 48	91.4 & 121.9	75	22.9
1/8"	3.2	36 & 48	91.4 & 121.9	50	15.3
3/16"	4.8	36 & 48	91.4 & 121.9	35	10.7
1/4"	6.4	36 & 48	91.4 & 121.9	35	10.7
3/8"	9.5	36 & 48	91.4 & 121.9	35	10.7
1/2"	12.7	36 & 48	91.4 & 121.9	25	7.6
3/4"	19.1	36 & 48	91.4 & 121.9	25	7.6
1"	25.4	36 & 48	91.4 & 121.9	25	7.6

- For available inventory, please contact us
- Thickness and sizes per **RMA** tolerances