

		Fluoro-silicone
<b>Chemical Name</b>		Fluoroalkyl Polysiloxane
Material Designation		FK
ASTM D-735, SAE J-14 & MIL-R-3065		TA, TB
ASTM D-1418 Designation		FVS
Tensile Strength (psi)	Pure Gum	Below 1500
	Black Loaded Stocks	Over 1500
Hardness Range (Durometer A)		60-90
Specific Gravity (Base Material)		1.30-2.20
Adhesion to Metals		Excellent
Adhesion to Fabrics		Excellent
Tear Resistance		Poor to Fair
Abrasion Resistance		Poor
Compression Set		Good
Resilience	Cold	Excellent
	Hot	Excellent
Dielectric Strength		Good
Electrical Insulation		Excellent
Impermeability to Gases		Good
Acid Resistance	Dilute	Excellent
	Concentrated	Fair
Solvent Resistance	Aliphatic Hydrocarbons	Excellent
	Aromatic Hydrocarbons	Excellent
	Oxygenated (Ketones, etc.)	Poor
	Lacquer Solvents	Poor
Resistance To:	Swelling in Lubricating Oil	Excellent
	Oil and Gasoline	Excellent
	Animal Oils	Excellent
	Water Absorption	Excellent
	Oxidation	Excellent
	Ozone	Excellent
	Sunlight Aging	Excellent
	Heat Aging	Outstanding
	Low Temperature	Outstanding
	Flame	Excellent
	Vegetable Oils	Excellent
	Chlorinated Hydrocarbons	Good to Excellent