	Viton Fluro-Carbon
Chemical Name	Fluorinated Hydrocarbon
Material Designation	HK
ASTM D-735,SAE J-14 & MIL-R-3065	ТВ
ASTM D-1418 Designation	FPM
Tensile Strength (psi) Pure Gum	1200
Black Loaded Stocks	1500-3000
Hardness Range (Durometer A)	60-90
Specific Gravity (Base Material)	1.8
Adhesion to Metals	Fair to Good
Adhesion to Fabrics	Good
Tear Resistance	Fair to Good
Abrastion Resistance	Good
Compression Set	Very Good
Resilience Cold	Fair to Good
Hot	Good
Dielectric Strength	Very Good
Electrical Insulation	Good
Impermeability to Gases	Excellent
Acid Resistance Dilute	Good to Excellent
Concentrated	Excellent
Solvent Resistance Aliphatic Hydrocarbons	Excellent
Aromatic Hydrocarbons	Excellent
Oxygenated (Kentones, etc.)	Poor
Lacquer Slovents	Poor to Fair
Resistance To: Swelling in Lubricating Oil	Excellent
Oil and Gasoline	Excellent
Animal Oils	Excellent
Water Absorption	Very Good
Oxidation	Outstanding
Ozone	Outstanding
Sunlight Aging	Outstanding
Heat Aging	Outstanding
Low Temperature	Fair to Good
Flame	Excellent
Vegetable Oils	Excellent
Chlorinated Hydrocarbons	Good to Excellent