

		Urethane
Chemical Name		Polyester/Ether Urethane
Material Designation		BG
ASTM D-735,SAE J-14 & MIL-R-3065		SB
ASTM D-1418 Designation		AU,EU
Tensile Strength (psi)	Pure Gum	3000-5000
	Black Loaded Stocks	3000-5000
Hardness Range (Durometer A)		30-75D
Specific Gravity (Base Material)		1.02-1.20
Adhesion to Metals		Excellent
Adhesion to Fabrics		Very Good
Tear Resistance		Excellent
Abrasion Resistance		Outstanding
Compression Set		Good
Resilience	Cold	Good
	Hot	Good
Dielectric Strength		Excellent
Electrical Insulation		Good
Impermeability to Gases		Good
Acid Resistance	Dilute	Fair
	Concentrated	Poor
Solvent Resistance	Aliphatic Hydrocarbons	Fair to Good
	Aromatic Hydrocarbons	Poor
	Oxygenated (Kerones, etc.)	Poor
	Lacquer Solvents	Poor
Resistance To:	Swelling in Lubricating Oil	Good
	Oil and Gasoline	Good
	Animal Oils	Fair to Good
	Water Absorption	Very Good
	Oxidation	Very Good
	Ozone	Excellent
	Sunlight Aging	Very Good
	Heat Aging	Good
	Low Temperature	Fair to Excellent
	Flame	Fair
	Vegetable Oils	Fair
	Chlorinated Hydrocarbons	Fair to Good