



Physical Property Relationships

	Natural Rubber	Neoprene	Buna-N (Nitrile)	SBR	Silicone	EPDM	FKM (Fluoroelastomer)
Abrasion Resistance	E	G	E	E	P	G	G
Approx. Specific Gravity	0.91	1.23	0.97	0.95	0.99	1.3	1.8
Dielectric Strength	E	F	F	E	E	G	G
Elongation	E	E	E	G	G	E	E
Flame Resistance	P	G	P	P	G	P	E
Hardness (Duro Shore A)	20-100	20-90	20-100	35-100	30-80	30-90	60-90
Tear Resistance	E	G	F	F	P	F	G
Tensile Strength	E	G	G	G	P	G	E
Resistance to Aging	G	E	E	E	E	E	E
Resistance to Petroleum Oils	P	E	E	P	G	P	E
Resistance to Ozone	F	E	P	F	E	E	E
Resistance to Sunlight	F	E	F	F	E	E	E
Resistance to Water Absorption	G	F	G	G	G	G	E

E = Excellent G = Good F = Fair P = Poor

Temperature Ranges

	Min F	Max F
Natural Rubber	-40	+180
Neoprene	-65	+275
Buna -N	-65	+250
SBR	-40	+180
Silicone	-75	+450
EPDM	-60	+325
Viton	-40	+450