MATERIAL SELECTION GUIDE

E	Excellent	H	High
G	Good	M	Medium
F	Fair	L	Low
P	Poor		

BASE ELASTOMER	NaturalRubber (Polyisopren)	GRS/SBR (Styrene Butadiene)	EPDM (Ethylene Propylene)	Neoprene (Chloropren)	Nitrile (Butadiene/ Buna-N)	Hypalon	Silicone (Polysiloxane)
Compound Number (Standard Durometer)	**15019**	**26012**	**96014**	**36024**	**45009**		**65200**
Durometer range	**25-95**	**25-95**	**25-90**	**25-95**	**25-95**	**40-90**	**50-80**
Elongation Max %	**700**	**600**	**600**	**600**	**600**	**500**	**700**
SAE J200-ASTM D-2000 Classification	**AA**	**AA BA**	**AA BA CA DA**	**BC BE**	**BF BG BK**	**SC**	**FC FE GE**
Maximum Tensile Strength-PSI	**3200**	**2800**	**2800**	**2800**	**2800**	**2800**	**1000**
Resilience	**H**	**M**	**G**	**H**	**F**	**F**	**M**
Impact Strength	**E**	**E**	**G**	**E**	**G**	**F**	**F**
Abrasion Resistance	**E**	**E**	**G**	**E**	**E**	**E**	**P**
Tear Resistance	**E**	**F**	**F**	**G**	**G**	**E**	**F**
High Temp. Usage	**180**	**180**	**300**	**225**	**250**	**225**	**550**
Low Temp. Usage	**-45**	**-45**	**-45**	**-40**	**-40**	**-50**	**-140**
Oil Resistance	**P**	**P**	**P**	**E**	**E**	**G**	**G**
Fuel Resistance	**P**	**P**	**F**	**G**	**E**	**E**	**P**
Weather Aging	**F**	**F**	**E**	**G**	**G**	**E**	**E**
Oxidation	**F**	**F**	**E**	**E**	**F-G**	**F**	**E**
Heat Aging	**G**	**G**	**E**	**E**	**G**	**E**	**E**
Water Swell Resistance	**F**	**E**	**E**	**G**	**E**	**F**	**E**
Flame Resistance	**P**	**P**	**P**	**E**	**P**	**G**	**E**
Adhesion To Metal	**E**	**E**	**G**	**E**	**G**	**E**	**E**
Electrical Resistivity	**E**	**E**	**E**	**F**	**F**	**F**	**E**
Typical Applications	Tires and tubes, gaskets, belts, hoses, seals, shock mounts	Same as Natural Rubber	Auto parts, molded parts, electrical insulation, dust covers, weather stripping and conveyor belts	Petroleum and chemical, automotive gaskets and seals, molded parts, footwear and weather-stripping	Gasoline and oil resistant hoses, gaskets and seals, rollers, o-rings, shock and vibration mounts	Similar to neoprene except with improve resistance. Recommended with water applications	General application where resistance to extreme heat is required

2275 43rd Ave. Lachine, Qc. Canada H8T 2K1
Tel : 514-631-0234 Fax : 514-631-5682 Toll Free : 888-831-0234