

CONVERSION CHARTS

Comparative Properties of Rubber Insulations

	RUBBER	NEOPRENE	HYPALON (CHLOROSULFONATED POLYETHYLENE)	EPDM (ETHYLENE- PROPYLENE-DIENE MONOMER)	SILICONE
Oxidation Resistance	F	G	E	E	E
Heat Resistance	F	G	E	E	O
Oil Resistance	P	G	G	P	F-G
Low Temperature Flexibility	G	F-G	F	G-E	O
Weather, Sun Resistance	F	G	E	E	O
Ozone Resistance	P	G	E	E	O
Abrasion Resistance	E	G-E	G	G	P
Electrical Properties	G	P	G	E	G
Flame Resistance	P	G	G	P	F-G
Nuclear Radiation Resistance	F	F-G	E	G	E
Water Resistance	G	E	E	G-E	G-E
Acid Resistance	F-G	G	E	G-E	F-G
Alkali Resistance	F-G	G	E	G-E	F-G
(Aliphatic Hydrocarbons) Resistance	P	G	F	P	P-F
Benzol, Toluol, Etc. (Halogenated Hydrocarbons) Resistance	P	P-F	F	F	P
Degreaser Solvents (Halogenated Hydrocarbons) Resistance	P	P	P-F	P	P-G
Alcohol Resistance	G	F	G	P	G

P = POOR F = FAIR G = GOOD E = EXCELLENT O = OUTSTANDING

These ratings are based on average performance of general purpose compounds. Any given property can usually be improved by the use of selective compounding.

