

PHYSICAL PROPERTIES	NR	IIR	EPDM	CO/ECO	AEM	FKM	FVMQ	CSM	CR	NBR	BR	IR	SBR	VMQ	AU/E
HARDNESS RANGE (SHORE A)	30-95	35-80	30-90	40-90	40-90	60-90	60-90	40-90	25-95	30-90	40-80	30-95	40-90	20-85	45-100
TENSILE STRENGTH MAX, PSI	4000	2500	3000	2500	2500	3000	2000	3000	3000	3000	2500	3500	3000	1500	8000
ELONGATION, MAX %	750	700	600	400	700	450	700	600	600	600	500	750	600	800	750
RESILIENCE	E	P-F	G	F	F	F	G	F-G	G-E	F-G	E	E	G	F-G	G
COMPRESSION SET	G	F	G	F	G	G-E	G	F	F-G	G	F-G	G	G	G-E	G
IMPERMEABILITY TO GAS	F-G	E	F-G	E	F	E	G	G-E	G	G-E	F-G	F-G	F	F	P-F
ABRASION RESISTANCE	E	G	G-E	F-G	G	G	P	G-E	G-E	G	E	E	G-E	p	E
OZONE RESISTANCE	P	E	E	E	E	E	E	E	F-G	P	P	P	p	E	E
HEAT RESISTANCE	F	G	E	G-E	G-E	E	E	G	G	G	F	F	G	E	G
LOW TEMP FLEXIBILITY	G-E	F	E	G	P-F	F-G	E	F-G	F-G	F-G	G-E	G	G	E	G
CHEMICAL RESISTANCE:	NR	IIR	EPDM	CO/ECO	AEM	FKM	FVMQ	CSM	CR	NBR	BR	IR	SBR	VMQ	AU/E
OIL AND GASOLINE	P	P	P	G-E	F	E	E	G	G	E	P	P	P	F	G
ANIMAL & VEGETABLE OILS	P-F	G	F-G	G-E	G-E	E	E	F-G	G	E	P-F	P-F	P-F	F-G	F-G
AROMATIC HYDROCARBONS	P	P	P	G	P-F	E	E	F	F	G	P	P	P	P	P

RATINGS CODE

E: Excellent

G: Good

F: Fair

P: Poor