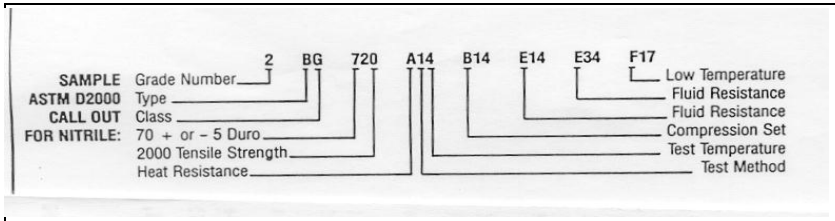
Technical Data



MEANING OF SUFFIX LETTERS:

Suffix Letter	Test Required
A	Heat Resistance
B	Compression Set
C	Ozone or Weather Resistance
D	Compression-Deflection Resistance
E	Fluid Resistance
F	Low Temperature Resistance
G	Tear Resistance
H	Flex Resistance
J	Abrasion Resistance
K	Adhesion
L	Aqueous Fluid Resistance
M	Flammability Resistance
N	Impact Resistance
P	Staining Resistance
R	Resilience
Z	Special Requirements

ASTM D1418	Common Name	Chemical Name	ASTM D735	ASTM D2000	Duro Range	Max.Serv. Temperature Deg. F.	Min.Serv. Temperature Stiffening Deg. F.	Low Temp. Brittle Point	Compression Set	Oil Resistance	Fuel Resistance	Weather Resistance	Ozone Resistance	Water Resistance	Abrasion	Tear
NBR	Nitrile, Buna N	Butadiene Acrylonitrile	SB, SA	BF, BG, BK	30-90	250	0 to -45	-65 to -85	B	A	B-A	C-B	C-D	A-B	A	B
CR	Neoprene*	Chloroprene	SC	BC, BE	20-95	212	+10 to -50	-45 to -85	B-C	B	C	B-A	B	B	B-A	B
EPM, EPDM	EP Rubber	Ethylene Propylene	R	AA, BA, CA	30-90	300	-20 to -50	-90	B-A	NR	NR	A	A	A	B-A	C
SBR	SBR, Buna S	Styrene Butadiene	RS	AA, BA	40-90	225	0 to -50	-80	B	NR	NR	C-D	NR	B-A	A	C-B
CSM	Hypalon*	Chlorosulfonated Polyethylene	SC	CE	45-95	250	-30 to -50	-60 to -70	C-B	B	C	A	A	B	B-A	C-B
NR	Natural	Polyisoprene	RN	AA	20-90	212	-20 to -50	-80	A-B	NR	NR	C-D	NR	A	A	A
IR	Synthetic Rubber	Synthetic Polisoprene	R	AA	40-90	212	-20 to -50	-80	A-C	NR	NR	C-D	NR	A	B-A	A-B
BR	Butadiene	Polybutadiene	RS	AA	40-90	212	-30 to -60	-100	B-C	NR	NR	C-D	NR	A	A	B
IIR	Butyl	Isobutylene Isoprene	R	AA, BA	30-90	250	-10 to -40	-80	C-B	NR	NR	A	A	A	C-B	B
CO, ECO	Epichlorohydrin Rubber	Epichlorohydrin Ethylene Oxide	SA	DK, DJ	40-90	300	-15 to -40	-10 to -50	A-C	A	A	B	B	B	B	C-A
FPM	Viton* Fluorocarbon	Fluorinated Hydrocarbon	TB	HK	60-90	600	+10 to -30	-60 to -85	B-A	A	A	A	A	A	C-B	D-B
PSI, PVSI, SI, VSI	Silicone	Polysiloxane	TA	FC, FE, GE	30-90	550	-60 to -180	-90 to -180	B-A	C	C	A	A	A-B	D-B	D-B
ACM, ANM	Acrylic	Polyacrylate	TB	DF, DH	40-90	300 to 400	+35 to +10	-10 to -20	C-B	A	C	A	B	D-C	C-B	D-C

***Trade Names.**
NOTE: Ratings apply to general classes of basepolymers; particular properties can be improved by compounding.

A = Excellent B = Good C = Fair
D = Poor NR = Not Recommended