

Material Comparison Table

MATERIALS	RELATIVE PRICE A=Low; K=High	HIGH TEMP °C	LOW TEMP °C	STEAM	SUNLIGHT	WEATHERING/OZONE	COMPRESSION SET	ABRASION RESISTENCE	FLAME RESISTENCE	GAS PERMEATION	CHEMICALS/SOLVENTS	PETROLEUM OILS	FUELS/GASOLINE	BRAKE FLUIDS	TRANSMISSION FLUIDS	STEERLING FLUIDS	REFRIGERANTS/FREONS	DYNAMIC APPLICATIONS	FDA COMPLIANT A=Available; NA=Not Available
NR	A	104	-51	F	P	P	G	E	P	F	P	P	P	P	F	P	F	F	NA
SBR	B	110	-54	F	F	P	F	G	P	F	F	F	NA	G	F	P	G	F	A
NBR	C	120	-40	F	F	P	G	E	P	G	F	E	G	P	G	P	F	G	A
CR	E	135	-54	P	G	G	F	E	E	G	F	G	P	P	F	F	G	E	NA
EPDM	D	150	-54	G	E	E	G	G	F	E	F	P	P	E	F	P	P	E	A
PU	I	80	-40	P	E	E	F	E	P	G	G	G	P	P	P	P	P	E	NA
ACM	H	175	-18	P	F	E	F	G	P	G	G	F	P	P	E	E	P	G	NA
HYPALON	G	135	-46	P	E	E	P	E	E	F	G	F	P	P	P	P	G	G	NA
SILICON	F	235	-65	F	E	E	G	P	G	P	F	P	P	P	P	P	P	P	A
VITON	J	200	-40	F	E	E	E	G	E	E	E	E	G	F	F	G	G	E	NA
AFLAS	K	200	-20	G	E	E	G	E	E	G	E	E	P	G	F	G	F	E	NA

E=Excellent; G=Good; F=Fair; P=Poor; NA=Not Available

THIS GUIDE IS INTENDED FOR GENERAL REFERENCE ONLY. THE MATERIALS LISTED ARE THE MOST COMMONLY USED.THERE ARE NUMEROUS COMPOUND VARIATIONS DESIGNED FOR SPECIFIC APPLICATIONS FOR WHICH PLEASE FORWARD DETAILS TO OUR ENGINEERS FOR A RECOMMENDATION.