

Specifications

Polymer	Neoprene/EPDM/SBR
ASTM D 1056-67	SCE-41
ASTM D 1056-78	RE41
ASTM D 1056-85, 91, 98, 00, 07	2A1
MIL-R-6130C TY/GR/Condition	II-A Soft
MIL-C-3133C MIL STD 670 B	SCE3
UL 157/UL 50E/ UL 508	LISTED

Physical Properties

Physical Property	Test Method	Unit	Value
Compression Deflection @25%	ASTM D 1056	psi kPa	2 - 5 14 - 35
Density	ASTM D 1056	pcf g/cm ³	4 - 8 .064 - .128
Compression Set Maximum	ASTM D 1056	%	40
Water Absorption Max. Weight Change	ASTM D 1056	%	5
Temperature Range	ASTM D 746	°F	-40 to +200
High Intermittent	ASTM D 746	°F	+250
Tensile Strength Typical	ASTM D 412 (Die A)	psi kPa	75 517
Elongation Typical	ASTM D 412 (Die A)	%	125
Heat Aging (7 Days - 158 F): Change in Compression Deflection Flexibility (180° bend w/o cracking)	ASTM D 1056 ASTM D1056	% -	±30 Pass
Flammability	UL 94 HF-1		Listed
Thermal Conductivity	ASTM C 177-85	K FACTOR	0.30
Color			Black

Chemical Resistance

Acid	EXCELLENT	Ozone	EXCELLENT
Alkali	EXCELLENT	Ketones	FAIR
Gasoline and Oil	FAIR	Chlorinated Solvents	POOR
Aromatic Hydrocarbons	FAIR	Oxidation	EXCELLENT

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