



Technical Data Sheet

SCE-43B Neoprene Sponge
NE Series - Medium
Neoprene/EPDM/SBR

Specifications

Polymer

Neoprene/EPDM/SBR

ASTM D 1056-67
ASTM D 1056-78
ASTM D 1056-07
ASTM D 1056 Suffix's
MIL-R-6130C
MIL-C-3133C MIL STD 670 B
UL 48/UL 50/ UL 50E/UL 157/ UL508

SCE-43
RE43
2A3
A1, C1, F1, M
II-A Medium
SCE11
LISTED

Physical Properties

Physical Property	Test Method	Unit	Value
Compression Deflection @25%	ASTM D 1056	psi	9 - 13
		kPa	62 – 89.6
Density	ASTM D 1056	pcf g/cm ³	7 - 11 .112 - .176
Compression Set Maximum	ASTM D 1056	%	30
Water Absorption Max. Weight Change	ASTM D 1056	%	10
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	100
		kPa	690
Elongation Typical	ASTM D 412 (Die A)	%	125
Heat Aging (7 Days - 158 F) Change in Comp. Defl.	ASTM D 1056	%	±30
Thermal Conductivity	ASTM C 177-85	K FACTOR	.38
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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