

Metro Industries, Inc.

Typical Material Specifications for SCE42B

Polymer: Neoprene/EPDM/SBR

Physical Properties	Test Method	Unit of Measure	Result
Compression Deflection 25%	ASTM D1056	Psi	5 - 9
		kPa	34.5 – 62
Density	ASTM D1056	Pcf	4 - 8
		g/cm ³	.064 - .128
Compression Set (MAX)	ASTM D1056	%	40
Water Absorption (Typical)	ASTM D1056	%	10
Tensile Strength (Typical)	ASTM D412 (Die A)	Psi	75
		kPa	517
Elongation (Typical)	ASTM D624 (Die C)	%	125
Tear Strength (Typical)	ASTM D624 (Die C)	lb/in	9.6
		kN/m	1.7

Specification	Result
ASTM D1056-67	SCE42
ASTM D1056-78	RE42
ASTM D1056-07	2A2
ASTM D1056 Suffix	A1, C1, F1, M
ASTM D6576-07	Type II A, B, C Sof/Medium
MIL-R-6130C	II-A Soft/Medium
MIL-R-3133C MIL STD 670B	SCE7
UL48	Listed
UL50	Listed
UL50E	Listed
UL157	Listed
UL508	Listed

Flammability Specification	Result
UL94 HF1	Listed
FMVSS-302	Pass (.098" or Thicker)

Additional Specifications	
Service Temperature	-40 °F to 200 °F
High Intermittent Temp	250 °F
Thermal Conductivity	.38 Btu-in/hr-FT ² -°F