

Closed Cell Red Silicone Sponge - Medium Density

An excellent material for gasketing applications that require a soft, compressible material. It is resistant to extreme temperatures and offers good compression set. The surface has a fine fabric finish and is available in continuous rolls up to ½" thick and sheets up to 2" thick.

Features:

- High Compressibility
- Low Compression Set
- Excellent gasketing material
- UV/Ozone Resistant
- Specifications: AMS3195, Mil-R-46089, ASTM D1056, Mil-R-6130, Mid-Std 670 TE12, Formulated to meet UL 94HB

PROPERTY	Specification AMS-3195	TYPICAL VALUES	TEST METHOD
Density, lbs/cu.in – Under ¼" thick	.025 Max	.020	ASTM D1056
Density, lbs/cu.in – Over ¼" thick	.020 Max	.018	ASTM D1056
Compression Deflection, psi	6-14	11	ASTM D575
Compression Set, 22 hrs @ 212 °F	60% Max	29	ASTM D395
Brittle Point, °F	-67	-103	ASTM D746
Temperature Range, °F	N/A	-103 to +450	ASTM D573
Water Absorption	5% Max	Pass	ASTM D471
Tensile Strength, psi	n/a	100	ASTM D412
Elongation, %	n/a	200	ASTM D412
Thermal Conductivity, BTU in./hr ft ² °F	n/a	.6	ASTM F433
Permittivity	n/a	1.39 C ² (N m ²)	ASTM D150
Dielectric Strength	n/a	1.6 KV/mm	ASTM D149
Volume Resistivity	n/a	10 ¹⁵ OHM-CM	ASTM D257

Dimensional Tolerances: are typically class 3 as standard, unless otherwise stated. Class 2 and Class 1 tolerances on request, in most instances.

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