

J-FLEX MATERIAL DATA SHEET

RED CLOSED CELL SILICONE SPONGE MEDIUM DENSITY



DESCRIPTION:

Silicone Sponge is 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 on both sides and is available in continuous rolls up to ½" thick and sheets up to 2" thick

FEATURES:

- Excellent Gasketing Material
- Extreme High & Low Temperatures
- UV / Ozone Resistant
- Low Compression Set
- High Compressibility

SPECIFICATIONS:

Mil-Std 670 TE12
AMS3195
Mil-R-6130
ASTM D1056
Mil-R-46089

PROPERTIES	Specification AMS3195	Typical Values	Test Method
Density, lbs/cubic in. Under ¼"	0.025 Max	0.020	ASTM D1056
Density, lbs/cubic in. Over ¼"	0.020 Max	0.018	ASTM D1056
Compression Deflection PSI	6-14	11	ASTM D 575
Compression Set 22hrs @ 212°F	60% Max	29%	ASTM D 395
Brittle Point °F	-67°F	-103°F	ASTM D 746
Tensile Strength PSI	N/A	100	ASTM D 412
Temperature Range	N/A	-103 to +450°F	ASTM D 573
Water Absorption	5% Max	Pass	ASTM D 471
Elongation	N/A	200%	ASTM D 412
Thermal Conductivity BTU in./hr. ft ² °F	N/A	.6	ASTM D 433

The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is up to the end user to determine whether the material is suitable for the intended application.

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