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Gasketing

Style:

**Silicone Sponge
Medium Density**

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. It is available in Soft, Medium, Firm, and X-Firm Densities. Medium Density is the most popular. It is available in many colors. Generally the surface has a fine fabric finish on both sides and is available in continuous rolls up to 1/2" thick and sheets up to 2" thick.

FEATURES:

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

SPECIFICATIONS:

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

Properties	Specification AMS3195	Typical Values
Density, lbs/cubic in. Under 1/4" thick	.025 Max	.020
Density, lbs/cubic in. Over 1/4" thick	.020 Max	.018
Compression Deflection, PSI	6-14	11
Compression Set, 22 hrs @ 212 °F	60 % Max	29
Brittle Point °F	-67	-103
Temperature Range °F	N/A	-103 to +450
Water Absorption	5% Max	Pass
Tensile Strength, PSI	N/A	100
Elongation, %	N/A	200
Thermal Conductivity BTU in./hr. ft² °F	N/A	.6

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.