

Diversified Silicone Products, Inc.

13937 Rosecrans Ave.

Santa Fe Springs, CA 90670

Tel: (562) 404-8942 Fax: (562) 404-1323

Other Data Sheets Are Available On Our Website

www.diversifiedsilicone.com



SILICONE SHEETING

Closed Cell Silicone Sponge

“DSP1135M” “DSP1145M” “DSP1125M” “DSP1115M”

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	Typical Values	Test Method
	AMS3195		
Density, lbs/cubic in. Under 1/4” thick	.025 Max	.020	ASTM D1056
Density, lbs/cubic in. Over 1/4” thick	.020 Max	.018	ASTM D 1056
Compression Deflection, PSI	6-14	11	ASTM D 575
Compression Set, 22 hrs @ 212 °F	60 % Max	29	ASTM D 395
Brittle Point °F	-67	-103	ASTM D 746
Temperature Range °F	N/A	-103 to +450	ASTM D 573
Water Absorption	5% Max	Pass	ASTM D 471
Tensile Strength, PSI	N/A	100	ASTM D 412
Elongation, %	N/A	200	ASTM D 412
Thermal Conductivity BTU in./hr. ft ² °F	N/A	.6	ASTM F 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.