

WESTERN RUBBER & SUPPLY, INC

6161 INDUSTRIAL WAY

LIVERMORE CA 94551

PH 925-960-8700

FX 925-960-8720

WWW.WESTERNRUBBER.COM

SALES@WESTERNRUBBER.COM

Other Data Sheets Are Available On Our Website

“GRADE 4500”

Closed Cell Silicone Sponge

FIRM 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:

AMS3196
Mil-R-46089
ASTM D1056
Mil-R-6130
Mil-Std 670

Properties	Specification	Typical Values
	AMS3196	
Density, lbs/cubic in. Under 1/4” thick	.030 Max	.028
Density, lbs/cubic in. Over 1/4” thick	.025 Max	.023
Compression Deflection, PSI	12-20	17
Compression Set, 22 hrs @ 212 °F	60 % Max	25
Brittle Point °F	-67	-103
Temperature Range °F	N/A	-103 to +450
Water Absorption	5% Max	Pass
Tensile Strength, PSI	N/A	200
Elongation, %	N/A	225

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.