

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

Low Compression Set Silicone Sponge

“DSP1135LCSS” & “DSP1155LCSS” SOFT DENSITY

DESCRIPTION:

Our Low Compression set silicone sponge is a closed cell sponge material. It is an excellent material for gasketing applications that require a soft compressible material with a low compression set.. It is resistant to extreme high and low temperatures. 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:

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

SPECIFICATIONS:

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

Properties	Limits	Typical Values
Density, lbs/cubic in. Under 1/4” thick	.025 Max	.020
Density, lbs/cubic in. Under 1/4” thick	.020 Max	.018
Compression Deflection, PSI	5-9	7
Compression Set, 22 hrs @ 212 °F	60 % Max	10
Brittle Point °F	-67	-103
Temperature Range °F	N/A	-103 to 500
Water Absorption	5% Max	Pass
Tensile Strength, PSI	N/A	80
Elongation, %	N/A	175

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.