

# Diversified Silicone Products, Inc.

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Other Data Sheets Are Available On Our Website

[www.diversifiedsilicone.com](http://www.diversifiedsilicone.com)

## Low Compression Set Silicone Sponge

“DSP1135LCSF” & “DSP1155LCSF”

### FIRM 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. It is available in Medium & Firm Densities. Medium Density is the most popular. It is available in many colors. Red & Brown are the most popular. 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:

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

Properties	SPECIFICATION AMS3196	Typical Values
Density, lbs/cubic in.	.030 Max	.025
Compression Deflection, PSI	14-22	18
Compression Set, 22 hrs @ 212 °F	60 % Max	12
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	250

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.