

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

.diversifiedsilicone.com www

Closed Cell Silicone Sponge

“DSP1135XF”

X-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:

Mil-Std 670

Properties	Limits	Typical Values
Density, lbs/cubic in. Under 1/4” thick	.035 Max	.033
Density, lbs/cubic in. Over 1/4” thick	.030 Max	.028
Compression Deflection, PSI	18-30	25
Compression Set, 22 hrs @ 212 °F	60 % Max	35
Brittle Point °F	-67	-103
Temperature Range °F	N/A	-103 to +450
Water Absorption	5% Max	Pass
Tensile Strength, PSI	N/A	300
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.