

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

Fiberglass Reinforced Closed Cell Silicone Sponge

“DSP1165-1175MFR”

REINFORCED MEDIUM FLAME RETARDANT

DESCRIPTION:

Fiberglass Reinforced Flame Retardant Silicone sponge is an excellent material for gasketing applications that require a compressible material. The Fiberglass gives it dimensional stability which also helps in cutting close tolerance parts. It is resistant to extreme temperatures. It comes in a dark blue/grey color. The surface has a fine fabric finish on both sides and is available in continuous rolls up to 1/2” thick.

FEATURES:

- Flame Retardant
- High Compressibility
- Low Compression Set
- UV / Ozone Resistant
- High Tensile Strength

| Properties | Test Method | Typical Values |
|---|---------------|----------------|
| Density, lbs/cubic in. Under 1/4” thick | (ASTM D-297) | .020 |
| Density, lbs/cubic in. Over 1/4” thick | (ASTM D-297) | .018 |
| Compression Deflection, PSI | (ASTM D-1056) | 6-14 |
| Compression Set | (ASTM D-1056) | 15 |
| Brittle Point °F | | -103 |
| Temperature Range °F | | -103 to +450 |
| Water Absorption | (ASTM D-1056) | Pass |
| Tensile Strength, PSI (with Fiberglass) | (ASTM D-412) | 900 |

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.