

# Diversified Silicone Products, Inc.

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**Other Data Sheets Are Available On Our Website**

**www.diversifiedsilicone.com**



## SILICONE SHEETING

### FIBERGLASS REINFORCED SILICONE SHEET “DSP1564” & “DSP7628” FIBERGLASS REINFORCED 70 Shore “A”

#### DESCRIPTION:

Fiberglass reinforced silicone sheeting is typically used for gaskets or seals requiring a resilient, non porous sheet material suitable for operating temperatures from -100 to 500F but is not limited to such applications. The material is resistant to deterioration by weathering and engine oil and remains flexible over the temperature range noted. Fiberglass reinforced silicone sheet is available in many different thicknesses. Generally the DSP1564 Grade is used in thicknesses greater than 1/32” thick and the DSP7628 is used in thicknesses 1/32” thick or less. The fiberglass is centered between the 2 layers of silicone that gives the material dimensional stability and higher tensile strength.

#### FEATURES:

- Excellent Gasketing Material
- Extreme High & Low Temperature Resistant
- UV / Ozone Resistant
- Non- Toxic, Chemically Inert
- All FDA approved Ingredients
- Low Compression Set
- Fungus Resistant

#### SPECIFICATIONS:

AMS3320

AMS3315

<b>TYPICAL PHYSICAL PROPERTIES:</b>	<b>DSP1564</b>	<b>DSP7628</b>
Shore (A)	70 +/-10	70 +/-10
Tensile Strength, psi (Fiberglass+Silicone)	1300	1100
Fiberglass Thickness	.014”	.007”
Fiberglass Weight (oz per sq yd)	12.5	6
Fiberglass Breaking Strength (warp/fill)psi	400 x 350	250 x 200
Plain Weave Thread Count	20 x 18	44 x 32
Fiberglass Diaphragm Burst Strength, (psi)	750	400
Compression Set (%)	35 max	35 max
Temperature Range (F)	-100 to +500	-100 to +500

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.