



DSP1564 5mm FIBREGLASS REINFORCED SILICONE SHEET 1.2m WIDE

MATERIAL SPECIFICATION SHEET

DESCRIPTION:

Fibreglass reinforced silicone sheeting is typically used for gaskets or seals requiring a resilient, non-porous sheet material suitable for operating temperatures from -38°C to + 260°C but is not limited to such applications. The material is resistant to deterioration by weathering and engine oil and remain flexible over the temperature range noted. Fibreglass reinforced silicone sheet is available in many different thicknesses. The fibreglass is centred 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
- Thicknesses 2mm, 3mm, 4mm, 5mm, 6mm

SPECIFICATIONS:

- AMS3320
- AMS3315

TYPICAL PHYSICAL PROPERTIES:

Shore (A)	70 ± 10
Tensile Strength, psi (Fibreglass + Silicone)	1300
Fibreglass Thickness	.014"
Fibreglass Weight (oz. per sq. yd.)	12.5
Fibreglass Breaking Strength (warp/fill) psi	400 x 350
Plain Weave Thread Count	20 x 18
Fibreglass Diaphragm Burst Strength (psi)	750
Compression Set (%)	35 max
Temperature Range (F)	-38°C to + 260°C

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.



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