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REINFORCED SILICONE SHEETING

FIBREGLASS REINFORCED “DSP1564” & “DSP7628”

AVAILABLE IN: 0.38mm, 1.5mm, 3.0mm and 6.4mm Thick.

Fibreglass reinforced silicone sheeting is typically used for gaskets or seals requiring a resilient, non-porous sheet material suitable for operating temperatures from -60° to 260°C 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. Fibreglass reinforced silicone sheet is available in many different thicknesses. Generally the DSP1564 Grade is used in thicknesses greater than 0.8mm thick and the DSP7628 is used in thicknesses 0.8mm thick or less.



PHYSICAL PROPERTIES	DSP1564	DSP7628
Shore A	70 (+/-10)	70 (+/-10)
Tensile Strength, psi (fibreglass + Silicone)	1300	1100
Fibreglass Thickness	0.356 mm	0.178 mm
Fibreglass Weight (oz per sq yd)	12.5	6
Fibreglass Breaking Strength (warp/fill) psi	400 x 350	250 x 200
Plane Weave Thread Count	20 x 18	44 x 32
Fibreglass Diaphragm Burst Strength (psi)	750	400
Compression Set (%)	35 Max	35 Max
Temperature Range	-60° to 260°C	-60° to 260°C

** The given 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.

FEATURES: Excellent Gasket Material; Extreme high and low temperature resistant; UV/Ozone Resistant; Non-Toxic; Chemically Inert; All ingredients FDA approved; Low Compression Set; and Fungus Resistant.