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Silicone - Red with Fiberglass Insert

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. The fiberglass is centered between the 2 layers of silicone that gives the material dimensional stability and higher tensile strength.



Silicone - Red with Fiberglass Insert	Physical Properties
Color	Red
Durometer Shore A	70
Service Temperature	-100 to 500 ° F
Tensile Strength	1300 psi
Fiberglass Cloth Thickness	0.014 in.
Fiberglass Cloth Weight	12.5 Oz./Yd ²
Fiberglass Cloth Breaking Strength <i>Wrap</i>	400 psi
Fiberglass Cloth Breaking Strength <i>Fill</i>	350 psi
Fiberglass Cloth Thread Count	20 x18
Compression Set	35 % max