



Starflex 5000

Material Description	Starflex 5000 is a graphite foil manufactured from expanded natural graphite.
Application	Most Appropriate sealing material for low temperature medium pressure applications., Suitable for us with water, oils, and fuels, etc.
Temperature	-240 C to 500 C (- 400F to 932 F) (Peak) 200 C (400F) (Maximum Continuous)
Pressure	50 Bar (725 psi) (Max Operating Pressure)
Physical Properties	<i>For 1.5mm (1/16") thickness</i>
Carbon Content (ASTM C-571)	>98%
Density (ASTM F1315)	1 min gm/cm ³
Tensile (ASTM F152)	> 3.4 Mpa (1,015 psi)
Compressibility (ASTM F36)	45% Min
Recovery (ASTM F36)	10% Min
Sulfur Content (ASTM C-816)	<900ppm
Chlorine Content	<50ppm
Fluorine Content	<50ppm
Design	
m	3
y	2,500 psi
Availability	Size: 40" x 40", 60" x 60"
	Thickness: 1/64" to 1/8"

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