



Starflex 5001

Material Description	Stargraf 5001 is a graphite sealing gasket made from a flexible graphite foil reinforced with a SS316L foil.
Application	It is suitable to seal against steam, exhaust, water, gases, oils, hydrocarbons, and alkalis.
Temperature	-240 C to 500 C (- 400F to 932 F) (Peak) 200 C (400F) (Maximum Continuous)
Pressure	100kg/cm ² (1,450 psi), class 150 and class 300 applications
Physical Properties	<i>For 1.5mm (1/16") thickness</i>
Carbon Content (ASTM C-571)	>98%
Density Graphite (ASTM F1315)	1 min gm/cm ³
Compressibility (ASTM F36)	45% Min
Recovery (ASTM F36)	10% Min
Sulfur Content (ASTM C-816)	<900ppm
Chlorine Content	<50ppm
Fluorine Content	<50ppm
Design	2
m	2,500 psi
y	
Availability	Size: 40" x 40", 60" x 60"
	Thickness: 1/16" to 1/8"

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