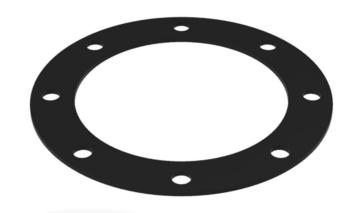


3S-GT

Description:



Style GT is a high purity graphite sheet with .004" thick tanged 316L stainless steel tanged reinforcement. The sheet construction is a minimum of 98% high purity flexible graphite without use of any fillers or binders, which is mechanically bonded to the stainless-steel core. 3S-GT delivers excellent sealing properties for application requiring lower bolt loads. Flexible graphite is pliable enough to "flow" into irregular flange surfaces while maintaining a positive seal and exhibits very low "creep relation" properties. Furthermore, this material provides outstanding chemical resistance for nearly all media with the exception of concentrated and extreme oxidizing acids.

Temperature & Pressure Limits:

Maximum Continuous Temperature =

Maximum Short-Term Temperature =

Maximum Pressure @ Maximum Continuous Temperature =

850 Deg F (454 Deg C) 900 Deg F (482 Deg C) 870 psi (60 Bar)

Color = Black / Gray

Thickness = 1/16" & 1/8" (1.6mm & 3.2mm)

Sheet Size = $60^{\circ\prime} \times 60^{\circ\prime}$

Cut Gaskets are also available

Other thicknesses available on request

Properties:

Density		70 lb./ft³
Sealability	DIN 3535	< 0.05 ml/min
Compressibility	ASTM F-36 J	30 – 40%
Recovery	ASTM F-36 J	20% min
Creep Relaxation	ASTM F-38	<4%
Graphite Purity		>98%
Ash Content		<2%
Total Chlorides		<50 ppm
m & y values	1/16" thickness	1/8" thickness
m	2.0	2.0
У	2500 psi	2500 psi

The above data is relevant to the test standard thickness