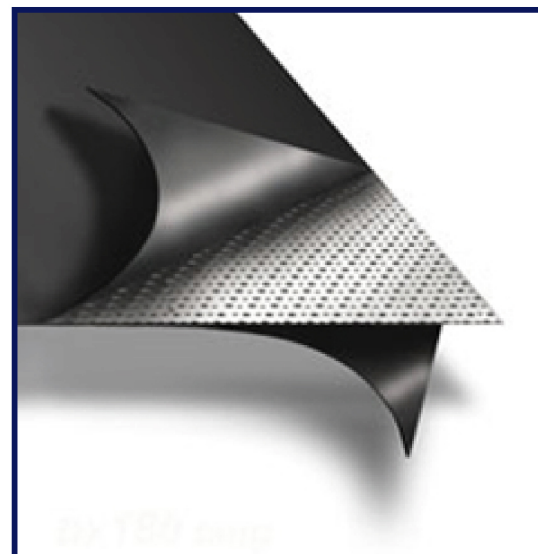


DATA / SPECIFICATION SHEET

PURE GRAPHITE SHEET WITH SS316L TANG INSERT



* 0.1mm thick SS316L tang insert

DESCRIPTION

Graphite Tang is a Flexible Graphite sheet reinforced with 316L Stainless Steel Tanged (better creep strength at high temperatures than SS304) which has a resistance to a wide range of temperature. This type of gasket make a perfect seal with low to moderate bolt loads and because of very low creep relaxation, re-torquing is rarely required. Flexible graphite conforms to irregular flange sealing surfaces and readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes.

SERVICE

Suited to use in heat-exchangers, liquid gas plants, exhaust manifold gaskets, petroleum refining, severely corrosive and aggressive media, sensitive flanges (enamel, glass, graphite) and steam.

AVAILABILITY

Thickness range = 1.0mm to 3.0mm
Standard sheet sizes = 1.0m X 1.0m
1.5m X 2.0m

PROPERTIES

Density	: 1.12 g/cc
Tensile Strength	: 24 N/mm ²
Compression	: 40%
Recovery	: 15%
Stability under stress	: 90 N/mm ²
Chloride Content	: 50 ppm Max

USE

Min. Temperature	: -200°C
Max. Temperature	: +650°C (inert atmosphere) +455°C (oxidizing atmosphere)
Max. Pressure	: 120 bar

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