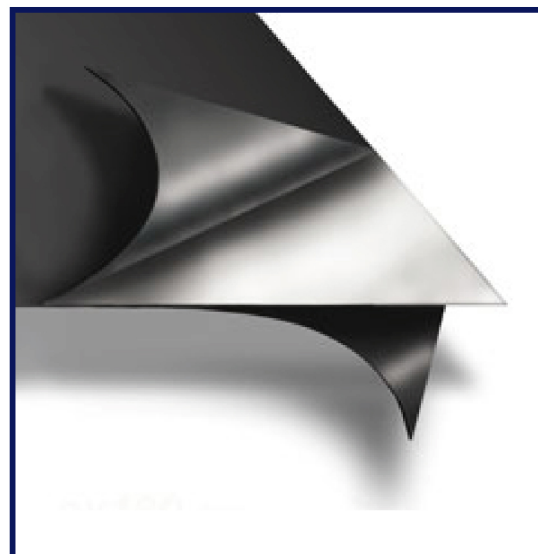


DATA / SPECIFICATION SHEET

PURE GRAPHITE SHEET WITH SS316L FOIL INSERT



* 0.05mm thick SS316L foil insert

DESCRIPTION

The Graphite Foil sheet is made from exfoliated graphite flake which is compressed into foil by a carefully controlled calendaring process. In this process, the expanded flake particles are mechanically locked together without the use of fibers, binders or other additives. Sheets of foil are then adhesive bonded and laminated to the required thickness with the 316L Stainless Steel foil core in the center (better creep strength at high temperatures than SS304).

PROPERTIES

Density	: 1.12 g/cc
Tensile Strength	: 27 N/mm ²
Compression	: 43%
Recovery	: 14%
Stability under stress	: 90 N/mm ²
Chloride Content	: 50 ppm Max

SERVICE

This gasket is highly recommended to be used in refineries, chemical and petrochemical plants, paper mills, mines and other industrial fields.

USE

Min. Temperature	: -200°C
Max. Temperature	: +650°C (inert atmosphere) +455°C (oxidizing atmosphere)
Max. Pressure	: 100 bar

AVAILABILITY

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

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