



DATA SHEET

GRAPHOIL GRAPHITE SHEET WITH FOIL INSERTION

DESCRIPTION

Graphite sheet with stainless steel foil insertion adhesive. Purity 99.8%. Chemical resistance is excellent with graphite sheet due to pH range. Compressibility is high, as the compatibility to conform easily to irregular sealing surfaces.

APPLICATIONS

Suitable for Head and Exhaust gaskets, Valve Bonnet, Heat Exchangers & electrically conductive gaskets. Particularly suited for use in pipelines and containers employed in the chemical and petrochemical industries and thermal power stations, together with oil-filled and other heating systems. Good resistance to sudden changes of temperature. High resistance to media, particularly corrosive substances and chemicals. Excellent for steam applications.

SIZES/AVAILABILITY

Sheet Sizes: 1m x 1m or 1.5m x 1.5m
Sheet Thicknesses: 1mm, 1.5mm, 2mm & 3mm
Styles: Available with either SS316 or SS304 foil insertion

PHYSICAL PROPERTIES

Temperature	-200 to 450°C (in oxidizing medium)
	-200 to 870°C (in non-oxidizing medium)
pH Value	0-14
Colour	Charcoal/Black
Stability Under Compressive Stress	>45N/mm ²
Sulphur Content	<1000ppm
Chlorine Content	<50ppm
Recovery	10-15%
MSDS	Available upon request

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