



DATA SHEET

GRAPHTANG

GRAPHITE SHEET WITH TANGED CORE

DESCRIPTION

Graphite sheet with stainless steel tanged reinforcement insertion. Purity 99.8%. Very high strength handling. High compressibility and adaptability over a wide temperature range, thus providing excellent sealing properties. Chemical resistance is excellent with graphite sheet due to pH range.

APPLICATIONS

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. Suitable applications for Head and Exhaust gaskets, Valve Bonnet, Heat Exchangers and electrically conductive gaskets. 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 Thickness: 1mm, 1.5mm, 2mm & 3mm
Styles: Available with either SS316 or SS304 wire insertion

PHYSICAL PROPERTIES

Temperature	-200 to 500°C (in oxidizing medium continuous)
	-200 to 870°C (in non-oxidizing medium)
Colour	Charcoal/Black
pH Value	0-14
Stability Under Compressive Stress	>48N/mm ²
Sulphur Content	<1000ppm
Chlorine Content	<50ppm
Compressibility	30- 40%
Recovery	10 - 15%
MSDS	Available upon request

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