

Graphite gasket Egraflex GHE



Graphite sheet (purity 98%) reinforced with a perforated stainless steel insert, specific gravity of graphite 1 gr/cm³ Universal material for chemical and petrochemical industries, suitable for thermal oils and steam, at high temperatures. Cryogenic temperatures up to +500°C in oxidising environments.

Properties

: Chemically resistant
Large temperature application range

Applications

: Steam, chemicals, petrochemicals, thermal oils, oxygen, and liquid oxygen.

Delivery options

: Sheets available in dimensions 1500 x 1500 mm in thicknesses of 1.5 / 2.0 / 3.0 mm

Gaskets according to EN(DIN) and ASME norms generally available from stock. In addition, nearly all special dimensions or shapes can be cut from the sheet.

Manufacturer's literature

: Available on request

Table 1: Technical specifications Egraflex GHE

Gasket factor	Norm	thickness 1.5 mm	thickness 2 mm	Unit
Ash content	DIN 51903	2	2	%
Perforated insert		RVS 316	RVS 316	
Thickness of insert		0.1	0.1	mm
No. of inserts		1	1	
Minimum surface pressure	DIN 28090	20	20	MPa
Maximum surface pressure	DIN 28090	140	120	Mpa
Minimum temperature		-200	-200	°C
Maximum temperature		+500	+500	°C
Compression	ãKSW	20-30	20-30	%
Recovery	ãKSW	3-4	3-4	%
Maximum allowable pressure*		150	150	bar
Density		1.0	1,0	g/cm ³
Gas permeability	DIN 3535	<0.8	<0.8	cm ³ /min
Specific density	DIN 3535-6	<0.1	<0.1	mg/(s*m)
Residual surface pressure				Mpa
Chloride		<50	<50	ppm

*Dependent on temperature and construction

For more information, a quotation or to place an order, please contact one of our specialists on 0121 501 2021 or your local service centre (www.eriks.co.uk)