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GAMBITGRAF gaskets cut from a graphite sheet

Flat gaskets cut from GAMBITGRAF LUX® graphite sheets with 99.5% pure expanded graphite, reinforced with a perforated SS316L steel sheet. The high purity of graphite, with sulphur content less than 300 ppm and chloride content less than 50 ppm, significantly reduces corrosion processes on the flange faces and enhances resistance to high temperatures.

Working conditions (parameters):

- **Temperature:** -200 ÷ 450°C (max. 550°C in steam)
- **Pressure:** max 12 MPa (120 bar)

Dimensions:

We offer cut gaskets in accordance with the following standards:		
EN 1514-1	DIN 2690	DIN 28040
EN 12560-1	DIN 2691	DIN 86071
ASME B16.21	DIN 2692	DIN 86072
DIN 82331		

Non-standard dimensions:

We also cut gaskets according to the documentation received from the customer or based on a model (reverse engineering). Gaskets larger than the standard gasket sheet size of 1500mm x 1500mm are produced as puzzle sections.

We manufacture gaskets according to the 14th class of accuracy in accordance with PN-EN ISO 286-2.

Calculation Coefficients:

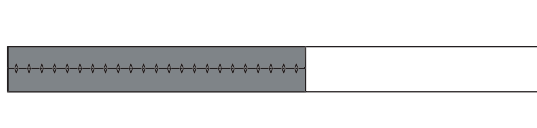
To obtain coefficients for the EN 1591-1 procedure, please visit www.gambitgl.pl.



TYPES OF CONSTRUCTION

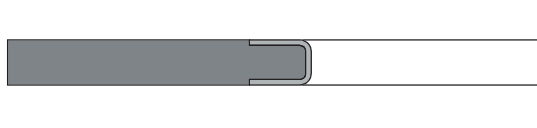
GAMBITGRAF

Flat gaskets cut from graphite sheets reinforced with a tanged stainless steel ANSI 316L insertion are widely used in industrial installations for bolted flange connections, guaranteeing a high level of tightness with relatively low gasket stress. The high purity of expanded graphite limits corrosion processes in a sealed connection.



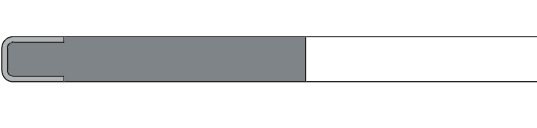
GAMBITGRAF I

Gaskets with metal inner eyelets, made from stainless steel or copper, increase resistance to leakage through the cross-section of the gasket material and protect the soft gasket material against acids and erosion.



GAMBITGRAF O

Gaskets with metal outer eyelets, made from stainless steel or copper, protect the soft gasket material from the influence of environmental factors.



GAMBITGRAF IO

Gaskets with metal inner and outer eyelets, made from stainless steel or copper, increase resistance to leakage through the cross-section of the gasket material and protect the soft gasket material against acids, erosion, and environmental factors.

