



www.gambitgl.pl


GASKET SHEETS GAMBITGRAF LUX®

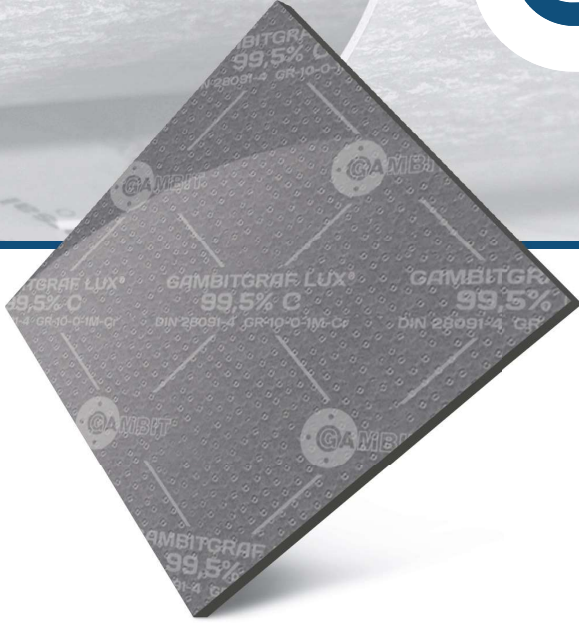
The values given in the table refer to gasket sheets with a thickness of 2.0 mm

Maximum working conditions		
Temperature under continuous operation	°C	450
Temperature under continuous operation with steam	°C	550
Pressure	MPa	12

Dimensions			
Standard thicknesses of sheets	mm	1,0 1,5 2,0 3,0	± 10%
Standard dimensions of sheets	mm	1000 × 1000 1500 × 1500	± 20,0

Technical data - typical values for the thickness of 1.5 mm				
Density graphite	± 5%	g/cm ³	1,0	DIN 28090-2
Transverse tensile strength	min.	MPa	20	DIN 52910
Compressibility		%	35-45	ASTM F36
Elastic recovery		%	15-20	ASTM F36
Residual stresses 40 MPa/16 h/300°C	min.	MPa	38	BS 7531
Residual stresses 50 MPa/16 h/300°C	min.	MPa	48	DIN 52913
Ash content	max.	%	0,5	DIN 51903
Colour	graphite			

Calculation factors			
ASTM F3149	For gaskets with thickness 1,5 mm		
	Tightness class [mg/(s·m)]	m	y [MPa]
	L _{1,0}	2,0	2,0
	L _{0,1}	5,5	2,5
EN 13555			



Applied in high temperature and pressure. Recommended to steam, carbohydrates and most of chemical compounds except strong oxidants. Resistant to mechanical and thermal cycles as well as to rapid changes of temperature.

99.5% pure expanded graphite foil, reinforced with 0.1 mm thick AISI 316L perforated metal sheet. Sulphur content: -max. 300 ppm. Chlorides content: max. 50 ppm.

Classification according to DIN 28091-4:
GR-10-0-1M-Cr

Gasket sheets **GAMBITGRAF LUX®** is a registered trademark of Gambit Lubawka Sp. z o.o. or its affiliates.

SPECIAL