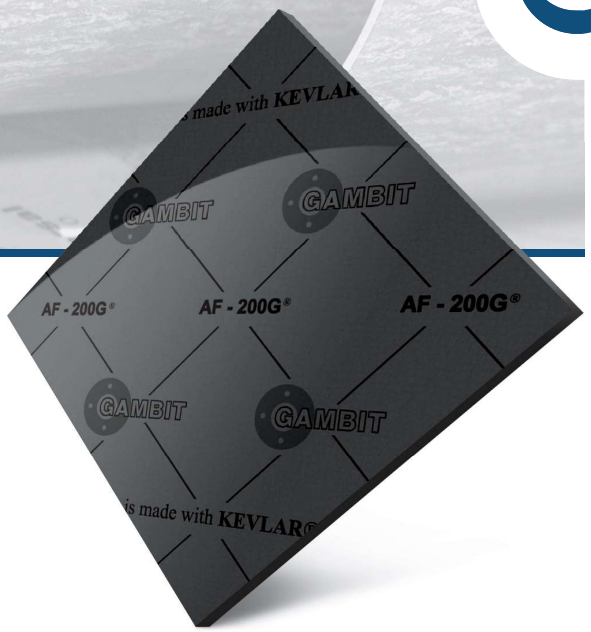
www.gambitgl.pl

GASKET SHEETS
Gambit AF-200G®



The values given in the table refer to gasket sheets with a thickness of 2.0 mm		
Maximum working conditions		
Peak temperature	°C	380
Temperature under continuous operation	°C	320
Temperature under continuous operation with steam	°C	250
Pressure	MPa	8

Dimensions			
Standard thicknesses of sheets /thicknesses above 5.0 mm are produced by gluing/	mm	0,3 | 0,5 | 0,8	± 0,1
		1,0 | 1,5 | 2,0 | 2,5	± 10%
		3,0 | 4,0 | 5,0 | 6,0	± 10%
Standard dimensions of sheets /custom dimensions available within the total range of 1500 × 3000 mm/	mm	1500 × 1500	± 10,0

Technical data - typical values for the thickness of 2.0 mm				
Density	± 5%	g/cm³	1,9	DIN 28090-2
Transverse tensile strength	min.	MPa	9	DIN 52910
Compressibility	typical value	%	10	ASTM F36
Elastic recovery	min.	%	50	ASTM F36
Residual stresses 50 MPa/16 h/300°C	min.	MPa	25	DIN 52913
Residual stresses 50 MPa/16 h/175°C	min.	MPa	30	DIN 52913
INCREASE IN THICKNESS				
Oil IRM 903 150°C/5 h	max.	%	5	ASTM F146
Model fuel B 20°C/5 h	max.	%	6	ASTM F146
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	2,3
	$L_{0,1}$	4,4	5,2
EN 13555			

A high parameter sheet, containing special combination of aramide fibres and graphite. The sheet features high elasticity. Recommended for applications with steam, water, fuel, and oil resistant.

Gasket sheet GAMBIT AF-200G is based on Kevlar® aramide fibres, mineral fibres, and fillers bound with NBR rubber-based binder.

Classification according to DIN 28091-2:
FA-AM1-0

Approvals / Admissions / Certificates:
TA Luft (VDI 2200)
UDT
EC 1935/2004