



A high parameter sheet, made of top quality materials. Highly reliable, with broad range of applications. Designed for use in supervised joints, and installations for transmission of natural gas. Resistant to water, steam, kerosene, fuel, oil, and solutions of salts, among others.

GAMBIT AF-400 gasket sheet 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:

DVGW
INIG
TA Luft (VDI 2200)
UDT
EC 1935/2004

Gambit AF-400®
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KEVLAR®
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GASKET SHEETS

Gambit AF-400®

The values given in the table refer to gasket sheets with a thickness of 2.0 mm		
Maximum working conditions		
Peak temperature	°C	400
Temperature under continuous operation	°C	350
Temperature under continuous operation with steam	°C	260
Pressure	MPa	12

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

Dane techniczne (dla grubości 2 mm)				
Density	± 5%	g/cm ³	2,0	DIN 28090-2
Transverse tensile strength	min.	MPa	12	DIN 52910
Compressibility	typical value	%	10	ASTM F36
Elastic recovery	min.	%	55	ASTM F36
Residual stresses 50 MPa/16 h/300°C	min.	MPa	30	DIN 52913
Residual stresses 50 MPa/16 h/175°C	min.	MPa	35	DIN 52913
INCREASE IN THICKNESS				
Oil IRM 903 150°C/5 h	max.	%	6	ASTM F146
Model fuel B 20°C/5 h	max.	%	6	ASTM F146
Colour	blue			

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}	5,7	3,8
EN 13555			

All information provided in this catalog based on many years of experience in the production and usage of these products. Due to the fact that the work of the seal in the flange connection is influenced by many factors resulting from the assembly method, operating parameters of the installation and the sealed medium, the parameters are indicative and do not give grounds for claims, and the specific use of products requires contact with the manufacturer.