GASKET SHEETS

GAMBIT A made with KEVLARS

TECHNICAL SPECIFICATION Gasket sheet Gambit AF-200G

Material

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

Designation according to DIN 28091-2: **FA-AM1-0** Kevlar* is a registered trademark of E. I. du Pont de Nemours and Company or its affiliates.

General properties and applications

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, among others.

Maximum working conditions

Peak temperature	°C	380
Temperature under continuous operation	°C	320
Temperature under continuous operation with steam	°C	250
Pressure	МРа	8

Dimensions

Standard thicknesses of sheets /thicknesses above 5.0 mm are produced by gluing/	mm	0,3; 0,5; 0,8 1,0; 1,5; 2,0; 2,5 3,0; 4,0; 5,0; 6,0	± 0,1 ± 10% ± 10%
Standard dimensions of sheets /custom dimensions available within the total range of 1500x3000 mm/	mm	1500x1500	± 10,0

Non-standard thicknesses, graphiting of sheet surfaces, and reinforcement with metallic mesh available upon request.

Metallic mesh reinforcement increases the maximum working pressure by 2 MPa (other physical and chemical properties are also changed).

All information in this catalogue is based on years of experience in manufacture and use of the discussed products.

Since sealing performance in the joint is subject to multiple factors such as mounting method, system parameters, and sealed medium, technical parameters specified herein are of informative nature only and cannot be used as grounds for any claims; any special uses of products are subject to consulting with the manufacturer.

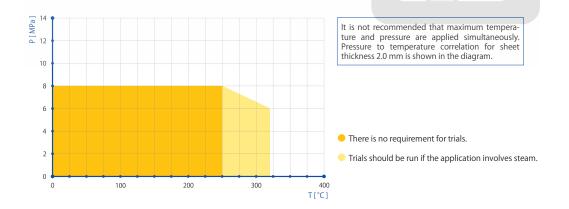
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Physical and chemical properties

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			grapl	graphite	

(Values as detailed in table refer to 2.0 mm thick gasket sheets)



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