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GASKET SHEETS

Gambit AF-MF®

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	280
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

Technical data - typical values for the thickness of 2.0 mm				
Density	± 5%	g/cm ³	2,0	DIN 28090-2
Transverse tensile strength	min.	MPa	9	DIN 52910
Compressibility	typical value	%	10	ASTM F36
Elastic recovery	min.	%	55	ASTM F36
Residual stresses 50 MPa/16 h/300°C	min.	MPa	29	DIN 52913
Residual stresses 50 MPa/16 h/175°C	min.	MPa	34	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	sand			

Calculation factors			
ASTM F3149	For gaskets with thickness 1,5 mm		
	Tightness class [mg/(s*m)]	m	y [MPa]
	L _{1,0}	2,0	2,2
	L _{0,1}	4,7	4,8
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.



High-parameter, oil-resistant gasket sheet, thanks to bio-soluble mineral fibres has a higher thermal resistance, especially when working with steam. Highly recommended to applications with water, steam, fuels and oils.

Gambit AF-MF gasket sheet is based on bio-soluble mineral fibres, Kevlar® fibres and fillers bonded with an NBR-based binder.

Classification according to DIN 28091-2:
FA-MA1-0

Approvals / Admissions / Certificates:
EC 1935/2004

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