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GASKET SHEETS

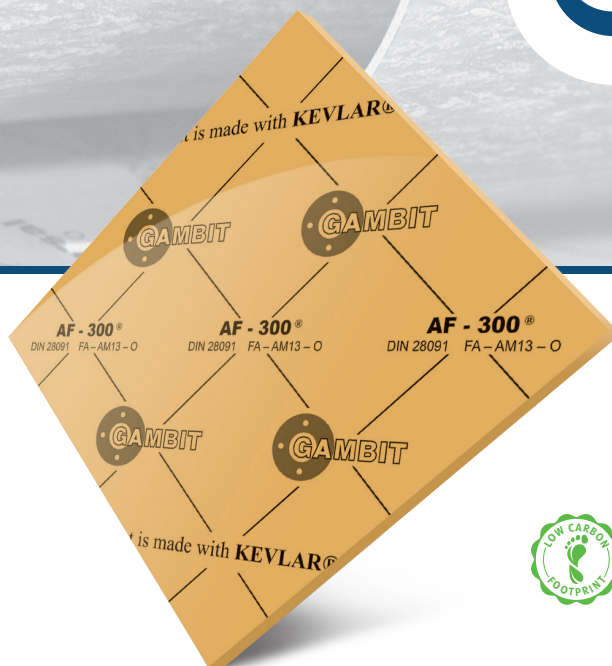
Gambit AF-300®

The values given in the table refer to gasket sheets with a thickness of 2.0 mm		
Maximum working conditions		
Peak temperature	°C	320
Temperature under continuous operation	°C	280
Temperature under continuous operation with steam	°C	220
Pressure	MPa	10

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 x 3000 mm/	mm	1500 x 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	8	DIN 52910
Compressibility	typical value	%	11	ASTM F36
Elastic recovery	min.	%	50	ASTM F36
Residual stresses 50 MPa/16 h/300°C	min.	MPa	22	DIN 52913
Residual stresses 50 MPa/16 h/175°C	min.	MPa	28	DIN 52913
Colour	yellow			

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}	7,7	4,1	
EN 13555			



An elastic sheet that easily follows all the curves and irregularities of a flange. Particularly recommended for water and steam installations, in heating and power generation sector, as well as in municipal companies. The sheet is resistant to brake and cooling liquids, thus it is recommended for automotive applications.

Gasket sheet GAMBIT AF-300 is based on Kevlar® aramide fibres, mineral fibres, and fillers bound with NBR, NR and SBR rubber-based binder.

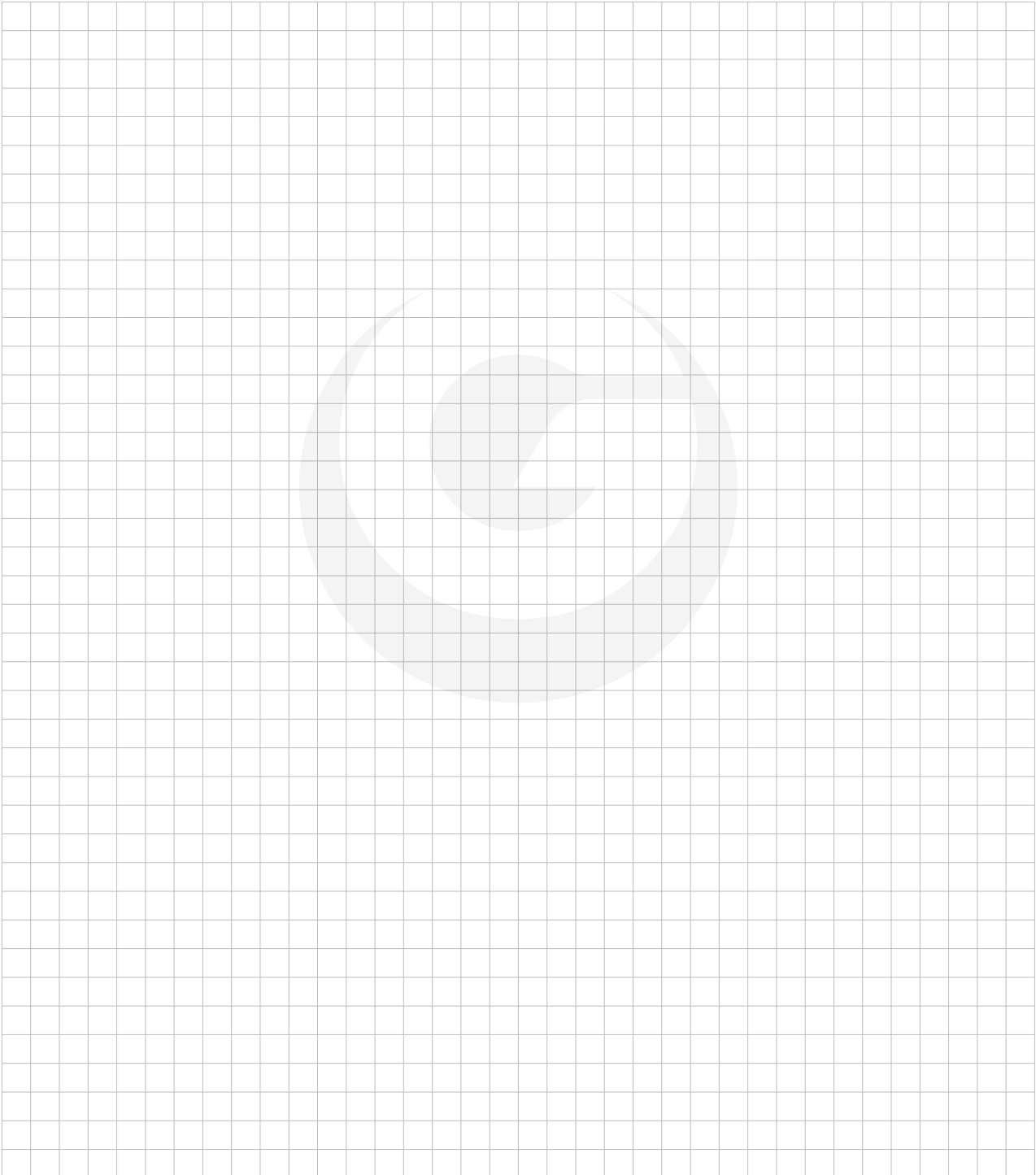
Classification according to DIN 28091-2:
FA-AM13-0

Approvals / Admissions / Certificates:

INIG
UDT
EC 1935/2004

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KEVLAR®
is a registered trademark of E. I. du Pont de Nemours and Company or its affiliates.



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.