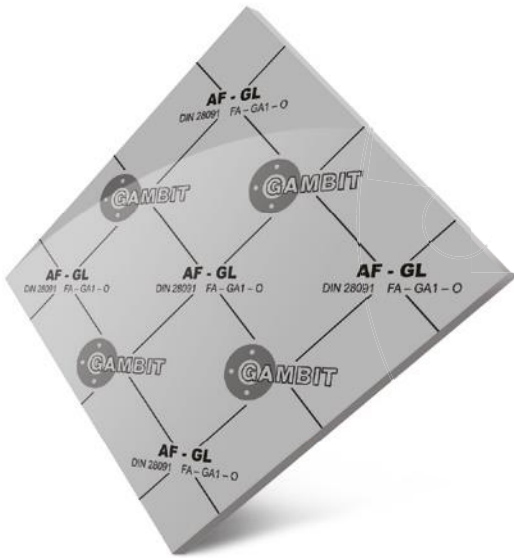




Innovative Sealing Solutions for Industry



# GAMBIT AF-GL GASKET SHEET

Maximum working conditions		
Peak temperature	°C	400
Temperature under continuous operation	°C	340
Temperature under continuous operation in steam	°C	250
Pressure	MPa	12

Dimensions			
Standard thickness of sheets (sheets of thickness over 5.0 mm are glued)	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 sheet size (a size of a sheet can be manufactured according to agreement with a customer up to 1500x3000)	mm	1500x1500	± 10,0

### MATERIAL

Gambit AF-GL gasket sheet is composed of glass fibres, mineral fibres, Kevlar® aramid fibres and fillers bound with NBR rubber.

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

### GENERAL FEATURES AND APPLICATION

Specially selected constituents and structure of AF-GL gasket sheet ensure high tightness of a joint and resistance to a whole range of media, including steam, water, fuels, oils, solutions of salt as well as weak solutions of acids and bases.

Thanks to application of a unique composition of fibres and fillers, gaskets made of this material feature higher resistance to operation in steam.

Technical data (applicable for thickness 2.0 mm)				
FA-GA1-O	DIN 28091-2			
Density	± 5%	g/cm <sup>3</sup>	1,9	DIN 28090-2
Transverse tensile strength	min.	MPa	9	DIN 52910
Compressibility	typical value	%	10	ASTM F36
Elastic recovery	min.	%	55	ASTM F36
Residual strain 50 MPa/16 h/300 °C	min.	MPa	29	DIN 52913
Residual strain 50 MPa/16 h/175 °C	min.	MPa	34	DIN 52913
INCREASE OF THICKNESS				
IRM 903 Oil 150 °C/5 h	max.	%	6	ASTM F146
Model fuel B 20 °C/5 h	max.	%	6	ASTM F146
Distilled water 100 °C/4 h	max.	%	2	ASTM F146
Colour	steel grey			

[www.gambitgl.pl](http://www.gambitgl.pl)

Gambit Lubawka Sp. z o.o., ul. Wojska Polskiego 16, 58-420 LUBAWKA

All information are 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.