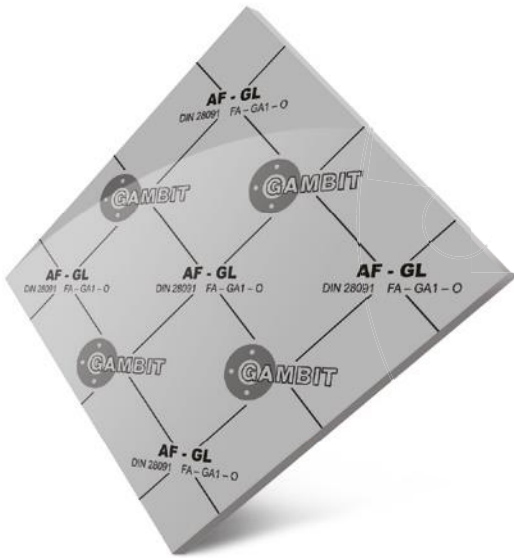




Innovative Sealing Solutions for Industry



## 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			

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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