



A low-parameter sheet, recommended mostly for water supply and sewage mains.

GAMBIT AF-153 gasket sheet is based on natural fibres, mineral fibres, and fillers bound with NBR, NR and SBR rubber-based binder.

Classification according to DIN 28091-2:
FA-MN13-O

Approvals / Admissions / Certificates:

WRAS*

UDT

TA Luft (VDI 2200)

EC 1935/2004

*there is a possibility of production in a version with WRAS certification

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GASKET SHEETS

Gambit AF-153®

The values given in the table refer to gasket sheets with a thickness of 2.0 mm

Maximum working conditions

Peak temperature	°C	220
Temperature under continuous operation	°C	155
Temperature under continuous operation with steam	°C	130
Pressure	MPa	4

Dimensions

Standard thicknesses of sheets /thicknesses above 4.0 mm are produced by gluing/	mm	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	1,9	DIN 28090-2
Transverse tensile strength	min.	MPa	5	DIN 52910
Compressibility	typical value	%	10	ASTM F36
Elastic recovery	min.	%	50	ASTM F36
Residual stresses 50 MPa/16 h/175°C	min.	MPa	20	DIN 52913
Colour	light green			

Calculation factors

ASTM F3149	For gaskets with thickness 1,5 mm		
	Tightness class [mg/(s·m)]	m	y [MPa]
	L _{1,0}	2,0	2,1
	L _{0,1}	6,8	5,0
EN 13555			