GASKET SHEETS
Gambit AF-200 UNIVERSAL®

The values given in the table refer to gasket sheets with a thickness of 2.0 mm		
Maximum working conditions		
Peak temperature	°C	300
Temperature under continuous operation	°C	220
Temperature under continuous operation with steam	°C	180
Pressure	MPa	6

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/cm³	2,0	DIN 28090-2
Transverse tensile strength	min.	MPa	8	DIN 52910
Compressibility	typical value	%	10	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
INCREASE IN THICKNESS				
Oil IRM 903 150°C/5 h	max.	%	5	ASTM F146
Model fuel B 20°C/5 h	max.	%	5	ASTM F146
Colour		red		

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
	$L_{0,1}$	2,0	4,2
EN 13555			

A versatile, oil resistant sheet designed for applications with the majority of media under medium temperatures and pressures. Environmentally friendly sheet type, free from N-nitrosamines.

GAMBIT AF-200 Universal gasket sheet is based on Kevlar® aramide fibres, mineral fibres, and fillers bound with NBR rubber-based binder.

Classification according to DIN 28091-2:
FA-AM1-0

Approvals / Admissions / Certificates:
DVGW
INIG
TA Luft (VDI 2200)
UDT
DNV GL
EC 1935/2004