GASKET SHEETS
Gambit PARO-GAMBIT®

The values given in the table refer to gasket sheets with a thickness of 2.0 mm		
Maximum working conditions		
Peak temperature	°C	450
Temperature under continuous operation	°C	350
Temperature under continuous operation with steam	°C	350
Pressure	MPa	10

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/cm³	1,9	DIN 28090-2
Transverse tensile strength	min.	MPa	10	DIN 52910
Compressibility	typical value	%	11	ASTM F36
Elastic recovery	min.	%	55	ASTM F36
Residual stresses 50 MPa/16 h/300°C	min.	MPa	32	DIN 52913
Residual stresses 50 MPa/16 h/175°C	min.	MPa	35	DIN 52913
INCREASE IN THICKNESS				
Oil IRM 903 150°C/5 h	max.	%	12	ASTM F146
Colour		ginger		

Calculation factors			
ASTM F3149	For gaskets with thickness 1,5 mm		
	Tightness class [mg/(s*m)]	m	y [MPa]
	$L_{1,0}$	7,5	2,0
EN 13555			

A high performance sheet, recommended mostly for installations working with steam.

PARO-GAMBIT gasket sheet is based on carbon fibres, mineral fibres, and fillers bound with NBR rubber-based binder.

Classification according to DIN 28091-2:
FA-CM1-0

Approvals / Admissions / Certificates:
UDT
EC 1935/2004