

"GAMBIT Lubawka" Sp. z o.o.	TECHNICAL DATA SHEET	TDS- 255/E/2011
	GASKET SHEET GAMBIT AF-300 B	Valid from: 19.10.2011

1. INTRODUCTION

1.1. The subject of TDS

The subject of WT is the gasket sheet **GAMBIT AF-300 B** formed on a calender.,

1.2. Range of application.

The gasket sheet **GAMBIT AF-300 B** is applicable for production of flat gaskets working in temperature, pressure and environmental range according to the table and adequate montage pressures.

1.3. An example of indication.

Gasket sheet **GAMBIT AF-300 B**

2. REQUIREMENTS

2.1. Material

The gasket sheet **GAMBIT AF-300 B** is made on the base of mineral and aramide fibers and fillers bounded with binders .

2.2 Appearance.

The gasket surface should be smooth without cracks, indentation, breakages, blisters and sketches allowable irregularities of edges after cutting to 2,0 mm.

2.3. Dimensions and allowable deviations according to the table.

2.4. Physical and chemical features according to the table.

2.5. Tests according to the tables:

- full: execute twice a year or by technological changes that can have an influence on characteristic of a gasket sheets

- not full: /marked with a sign*/ should be done for each pitch of gaskets /pitch should not overpass 1000 kgs/.

Pitch that is inconsistent with requirements should be tested again.

2.6. Marking.

On each gasket sheet should be placed following feature:

- a/ the name or manufacturer sign ,
- b/ the gasket sheet name
- c/ the symbol of gasket sheet variety,
- d/ thickness
- e/ date of production /two last numbers of a year and month/.

3. PACKING, STORAGE, TRANSPORT

3.1. Packing, storage and transport according to the PN-88 / M-11022 point 4;5.3

Type: 2251	GASKET SHEET GAMBIT AF-300 B			
Working** conditions	Peak temperature:	°C	320	
	Continuous temperature:	°C	280	
	Continuous temperature in steam:	°C	220	
	Minimum temperature:	°C	-30	
	Pressure:	MPa	10	
Media : Water; steam; solutions of: salt, solutions of weak acid and bases,*natural gas , technical propane-butane, oils, fuels (by the aromatic hydrocarbons content up to 2 %)				
Methods and kinds of tests according to PN-79/M-11029.00				
Physical and chemical features	Density max. +/- 5%	g/cm ³	2,0	PN-79/M-11029.01
	Compressibility at 35 MPa /20 °C/	%	5 - 15	PN-79/M-11029.05
	Elastic recovery - minimum /20 °C/	%	40	PN-79/M-11029.05
	Tensile resistance cross fibre (min)	MPa	8	PN-79/M-11029.02
	thickness increase of material : - in distilled water <i>maxi</i>	%	2	PN-79/M-11029.08
	- in model oil No. 3 (150°C after 5 h) <i>max</i>		5	
- in model fuel B (20°C after 5 h) <i>max</i>	7			
Colour	yellow			
Standard thickness /thickness above 4,0 mm up to 6,0 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	± 0,1mm ± 10 % ± 10 %	
Standard sizes of sheets /for customer require the gasket sheets can be made in special dimension - the range 1500x3000/	mm	1500 x 1500		

All the values in the table concern gasket sheets with thickness 2,0 mm.