

	<b>TECHNICAL DATA SHEET</b>		WT- 255/C/2008
	GASKET SHEET <b>GAMBIT AF-300B</b>		Updated on: 09.07.2008

## 1. INTRODUCTION

### 1.1 Subject of WT

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

### 1.2 Range of application

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

### 1.3 Example of indication

Gasket sheet **GAMBIT AF-300B**.

## 2. REQUIREMENTS

### 2.1 Material

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

### 2.2 Appearance

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

### 2.3 Dimension 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/ number of the sheet, date of production /year, month/, batch No., thickness.

## 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-300B				
Maximal operating conditions:	Peak temperature:	°C	320	
	Continuous temperature:	°C	280	
	Continuous temperature with steam:	°C	220	
	Minimum temperature:	°C	-30	
	Pressure:	MPa	10	
Media : water; steam water; solutions: saline, weak acids and bases; natural gas; technical propane-butane; paraffin oil; fuels; oils; benzine (the content of aromatic hydrocarbons below 2%)				
Methods and kinds of tests according to:				
Physical and chemical features	*density ± 5%	g/cm <sup>3</sup>	2,0	PN-79/M-11029.01
	*tensile strength cross fiber minimal value	MPa	8	PN-79/M-11029.02
	compressibility at 35 Mpa /20 °C/	%	5 - 15	PN-79/M-11029.05
	elastic recovery /20 °C/ minimal value	%	40	PN-79/M-11029.05
	thickness increase of material : - in distilled water maximal value - in model oil No. 3 (150°C after 5 h) maximal value - in model fuel B (20°C after 5 h) maximal value	%	2 9 9	PN-79/M-11029.08
Colour		yellow		
Standard thickness /thickness above 5,0mm 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	± 10% ± 0,10 ± 0,15
Standard sizes of sheets /on special require the sheets can be made in special dimension from the range 1500x3000/		mm	1500 x 1500	± 10,0

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