

	<b>TECHNICAL DATA SHEET</b>	WT- 189/D/2008
	GASKET SHEET <b>GAMBIT AF-200 G</b>	Updated on: 09.07.2008

## **1. INTRODUCTION**

### **1.1 Subject of WT**

The subject of WT is the gasket sheet **GAMBIT AF-200 G** formed on a calender.

### **1.2 Range of application**

The gasket sheet **GAMBIT AF-200 G** is applicable for production of flat gaskets working at temperatures, pressures and environmental range according to the table and adequate montage pressures.

### **1.3 Example of indication**

Gasket sheet **GAMBIT AF-200 G**.

## **2. REQUIREMENTS**

### **2.1 Material**

The gasket sheet **GAMBIT AF-200 G** based on graphite, aramid fibers, mineral fibers, 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 properties 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: 227				
<b>GASKET SHEET GAMBIT AF-200 G</b>				
Maximal operating conditions:	<b>Peak temperature:</b>	°C	<b>380</b>	
	<b>Continuous temperature:</b>	°C	<b>320</b>	
	<b>Continuous temperature with steam:</b>	°C	<b>250</b>	
	<b>Minimum temperature:</b>	°C	<b>-30</b>	
	<b>Pressure:</b>	<b>MPa</b>	<b>8</b>	
	Media : water; steam; paraffin oil; solvents; fuels; oils; benzine; solutions: saline, weak acids and bases (acc. to chemical resistance chart from catalogue)			
Methods and kinds of tests according to:				
Physical and chemical properties	*density ± 5%	g/cm <sup>3</sup>	1,9	PN-79/M-11029.01
	*tensile strength cross fiber <i>minimal value</i>	MPa	9	PN-79/M-11029.02
	compressibility at 35 Mpa /20 °C/	%	7-15	PN-79/M-11029.05
	elastic recovery /20 °C/ <i>minimal value</i>	%	45	PN-79/M-11029.05
	resistance to internal oil pressure in the room temperature (outer pressure 35MPa)	MPa	17	PN-79/M-11029.06
	thickness increase of material : - in distilled water <i>maximal value</i> - in model oil No. 3 (150°C after 5 h) <i>maximal value</i> - in model fuel B (20°C after 5 h) <i>maximal value</i>	%	2 5 6	PN-79/M-11029.08
Colour	graphite			
Standard thicknesses  /thicknesses 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	± 0,10 ± 10% ± 10%	
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.