



**EXPANDED GRAPHITE GASKET SHEET**  
(reinforced with insertions of tanged SS 316)

**TEMAGRAPH TI ECONOMY**

<b>Technical data:</b>		
Marking acc. to	DIN 28 091-4	<b>GR-10-O-1 M Cr</b>
Thickness (mm)		1,0 1,5 2,0 3,0
Max. temperature* (°C)		<b>from -200 to +500</b>
Max pressure* (bar)		<b>130</b>
Density (g/cm <sup>3</sup> )		1,5
Ash content (%)	DIN 51 903	≤ 2,0
Chloride content (ppm)		≤ 50
Material of insertion	DIN / ASTM	1.4404 / SS 316 L (tanged)
Thickness of insertion (mm)		0,1
No. of insertion		1
Gas permeability (cm <sup>3</sup> /min)		-
Spec. leak rate λ (mg/s/m)		-
Residual stress (N/mm <sup>2</sup> )	DIN 52 913, 16h/300°C	> 48
Compressibility (%)	ASTM F 36A – 66	30 - 40
Recovery (%)	ASTM F 36A – 66	> 17

Legend:

\* max values can not be used simultaneously

sheet size: 1,0m x 1,0m (1,5m x 1,5m)  
 colour of printing: blue printing **TEMAGRAPH TI ECONOMY**  
 composition / structure: SS 316L / expanded graphite (20%+80%)

Temac a.s. 28913 Zverinek Czech Republic	<a href="http://www.temac.cz">www.temac.cz</a>	Page 1 of 1	Approved: 16.9.2013 Valid since: 17.9.2013
--	--	-------------	---

*All data are inaugurated with good faith and have only informative character.  
Interference with this document are prohibited.*