Expanded graphite gasket sheet

TEMAGRAPH TG

for high temperature and pressure parameters

Description:
Temagraph TG is high quality graphite sealing sheet reinforced with an stretch metal, free-dimensional, stainless steel insert. The unique geometry of the expanded metal insert combined with the excellent sealing properties of the expanded graphite foils, provide the sheet with excellent thermal and mechanical loading capabilities. Temagraph TG is especially suitable for petrochemical, oil, chemical and heating plant industry application.
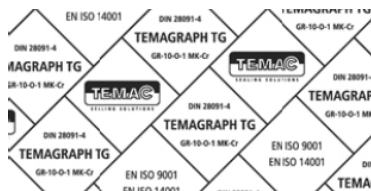
Technical data:

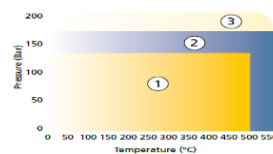| Marking acc. to	DIN 28 091-4	**GR-10-O-1 MK-Cr**
Thickness (mm)		1,0 1,5 2,0 3,0
Max. temperature* (°C)		**from –200 to +550**
Max pressure* (bar)		**200**
Graphite density (g/cm^3)		1,0-1,35
Ash content (%)	DIN 51 903	≤ 2,0
Chloride content (ppm)		≤ 50
Material of insert	DIN / ASTM	1.4404 / SS316L(stretch metal)
Thickness of insert (mm)		0,15 (passo 6 mm)
No. of insert		1
Residual stress (N/mm2)	Acc.to BS	37
Compressibility (%)	ASTM F 36A – 66	40
Recovery (%)	ASTM F 36A – 66	15
Sheet size		**1500 x 1500** (1000 x 1000)*

max. values can not be used simultaneously
*** size on regest*

Printing / colour: violet

PT diagram

1-siutable subjekt to chemical compactability
2-siutable extended area, technical advice is recommended
3-for this area technical consultation is mandatory

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