

Description:

Temagraph TG is high quality graphite sealing sheet reinforced with an expanded, 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:

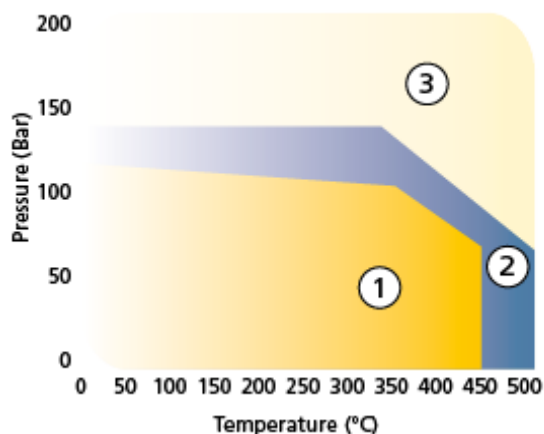
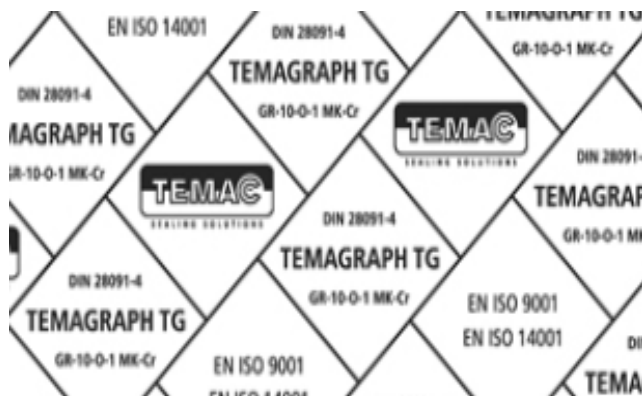
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|--|------------------------------------|
| Marking acc. to DIN 28091-4 | GR-10-O-1MK-Cr |
| Thickness (mm) | 1,0 1,5 2,0 3,0 |
| Number of insertion | 1 |
| Material (DIN / ASME) / thickness (mm) / type of insertion | 1.4301 / SS 304 / 0,15 / passo 6mm |
| Max. temperature* (°C) | from -200 to +500 |
| Max. pressure* (bar) | 200 |
| Density (g/cm ³) | 1,35 |
| Ash content (%) | < 2,0 |
| Chloride content (ppm) | < 50 |
| Fluoride content (ppm) | < 50 |
| Residual stress (N/mm ²) acc. to BS | 37 |
| Compressibility (%) acc. to ASTM F36A-66 | 40 |
| Recovery (%) acc. to ASTM F36A-66 | 15 |
| Sheet size (mm) | 1500 x 1500 (1000 x 1000)** |

*max. values can not be used simultaneously

** size on request

Printing / colour: violet

PT diagram



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