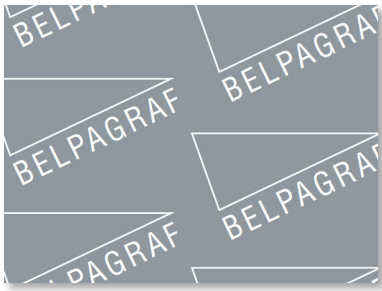


COMPOSITION:



Gasket material made of pure expanded mineral graphite.

Due the characteristics of graphite this is a high quality material with an Universal use in high pressure and temperature services, even steam. Meets most refinery, petrochemical and industrial service requirements for long time periods and a wide range of temperatures. API 607 FIRE SAFE TEST APPROVAL AND COMPLIES BAM.

Three different grades are manufactured:

BELPAGRAF SL: Pure mineral expanded graphite laminate.

BELPAGRAF SR: Expanded mineral graphite laminate with flat 316/316L stainless steel insert (0.05 mm).

BELPAGRAF SE: Expanded mineral graphite laminate with 316/316L stainless steel tanged insert (0.1 mm.). Also available with higher density (1.45 gr/cm³) Ref. **BELPAGRAF COMPAC**.

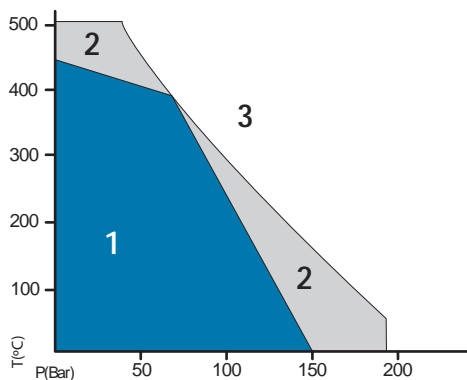
TECHNICAL DATA

Standard sizes (mm). Other upon request	1000x100 / 1500x1500 / *2000x1500 (*only SE)
Standard thickness (mm). Other upon request	0.8; 1.0; 1.5; 2.0; 3.0 (0.5 available in rolls)
Density of product (gr/cm ³) ASTM C-559 (SL, SR, SE)	1.1 / 1.2 / 1.4
Compressibility (%) ASTM F-36 A (SL, SR, SE)	45 / 40 / 35
Recovery (%) ASTM F-36 A (SL, SR, SE)	>30 / >15 / >15
Gas permeability (mg/s x m) DIN 3535 m (SL, SR, SE)	<0.05 / <0.10 / <0.10
Residual Stress 52913 (MPa) (SL, SR, SE)	>40 / >45 / >45
Working temperature (°C)	-200°C to 1000°C (steam 650°C and oxident env. 500°C)
Expanded Mineral Graphite data:	
Density of graphite (gr/cm ³) ASTM C-559	1.0
Content of : Graphite /ash /CI /F	>99% / 1% / <50 ppm / <100 ppm
* Typical properties for 2 mm thickness.	

CERTIFICATIONS

API 607 FIRE SAFE APPROVAL TEST

PRESSURE - TEMPERATURE DIAGRAM



P-T OPERATING GUIDELINES:

- 1- Usually satisfactory to use without reference to Montero. Technical examination is normally unnecessary.
- 2- Must refer to Montero for advice. A technical examination is recommended.
- 3- Area not recommended.

The P-T diagram helps the user or designer who often knows the operating temperature and pressure to carry out an initial selection of a suitable material. The P-T diagram cannot guarantee the suitability of a material for an application.

Good performance and long service life of gaskets depend in large measure on fitting and operation conditions, over which the manufacturer has no control. The data given on this technical sheet should not be used as application limits, but as guidance for an appropriate choice. We can offer guarantees only for the quality of our products.