

## Gasket Materials >>> **BELPAGRAF**



### API 607 Fire Safe Test Approval



Pure expanded mineral graphite laminated. Due the natural characteristics of graphite this is a high quality material with an universal use in high pressure and temperature services. Excellent resistance to steam. Meets most refinery, petrochemical and industrial service requirements for long time periods and a wide range of temperatures.

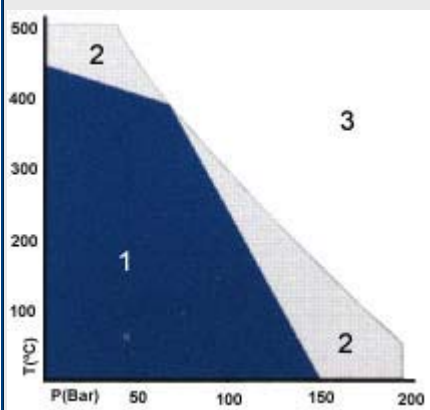
Three different grades are manufactured:

BELPAGRAF SL/GL: pure mineral expanded graphite laminate.

BELPAGRAF SR/GR: laminate with flat 316/316L stainless steel insert (0.05 mm thick). Recommended for steam applications.

BELPAGRAF SE/GE: laminate mechanically bonded to a 316/316L stainless steel tanged insert (0,1 mm thick). Grade for high pressures and temperatures.

Techical Data	
COLOUR	Grey
Standard sizes (mm) Other upon request	1000x1000
Standard thickness (mm). Other upon request	0.8, 1, 1,5, 2, 3
Density ASTM C-559	1,12 g/cm <sup>3</sup>
Compresibility ASTM F-36	40%
Recovery ASTM F-36A	20%
Sealability (DIN 3535 modified)	<1cm3/min
Carbon content	>98%
Ash content	<2%
Funcional temperature range:	
Non-oxidizing environment	-200 a 3000°C
Air or oxigen environment	-200 a 450°C
Sublimation point	3.300°C
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

\* : Belpagraf SE

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.