

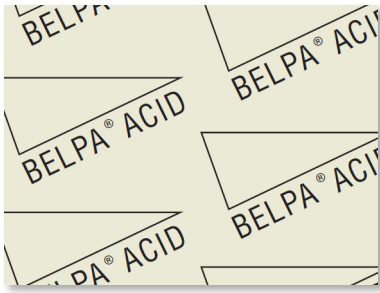
BELPA® ACID

COMPRESSED GASKET MATERIAL FOR ACID AND ALKALI SERVICE

COMPOSITION:

Compressed sheets for gaskets made of mineral fibre, aramide and dispersed inorganic loads mixed in a matrix of rubber.

The resulting gasket sheet is recommended for use on a wide range of service conditions with chemical resistance to many products including most of the acids, oils, alkalis and solvents. The product has been designed for use with the acid and alkali media most frequently found in industry.

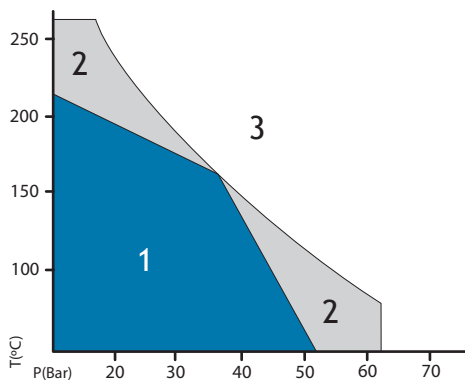


TECHNICAL DATA

Standard sizes (mm). Other upon request	2000 x 1500
Standard thickness (mm). Other upon request	0.5; 0.8; 1.0; 1.5; 2.0; 3.0
Density (+/-10%)	1.75 g/cm ³
Compressibility ASTM F-36 A	7 - 15%
Recovery ASTM F-36 A	>45%
Gas permeability DIN 3535/6	<1 cm ³ /min
THICKNESS INCREASE ASTM F-146	
ASTM oil N°3 5h 150°C	<7%
ASTM B 5h 150°C	<8%
H ₂ SO ₄ (72%) 24 H/RT	<4%
HCl (18%) 24 H/RT	<1.5%
HNO ₃ (33%) 24 H/RT	<1.5%
Na (OH) (50%) 24 H/RT	<2%

* Typical properties for 2 mm thickness.

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.