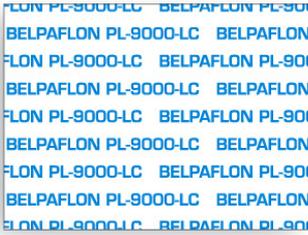


## COMPOSITION:



P.T.F.E sheet with an addition of special particles in order to increase the creep deformation resistance. Gasket material with an excellent chemical resistance, including acids and alcahis at high concentrations (sodium hydroxide, sulphuric acid, nitric acid, hydrogen chloride, potassium hydroxide). It is specially designed for services in which the chemical attack is combined with high pressures and temperatures improving on the traditional P.T.F.E. sheets behaviour. There is an addition of special charges that prevents the creep deformation. Non flammable and No ageing. Complies FDA .

## TECHNICAL DATA

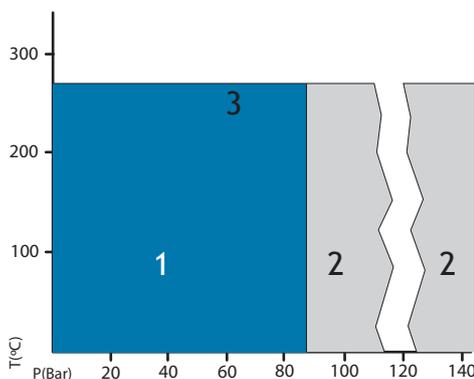
|  |                        |
|--|------------------------|
| Colour   | White/Grey             |
| Standard sizes (mm)  | 1500 x 1500            |
| Standard thickness (mm). Other upon request                    | 1.5; 2; 3              |
| Density (+/-10%)   | 2.24 g/cm <sup>3</sup> |
| Temperature, min./max. °C                                      | -200 / +260            |
| Leakage Rate ( N <sub>2</sub> ) cm <sup>3</sup> /min. DIN 3535 | 0.01                   |
| Compressibility ASTM F-36 A                                    | 15%                    |
| Recovery ASTM F-36 A   | 40%                    |
| Recovery (mm) 28090-2  | 0.09                   |
| Hot creep at 200°C $\xi$ wsw/200 (%)                           | 25                     |
| Cold compressibility $\xi$ KSW (%)                             | 7                      |
| Cold recovery $\xi$ KRW (%)                                    | 3                      |

\* Typical properties for 2 mm thickness.

## CERTIFICATIONS

FDA (FDA 21, CFR 177-1550)

## 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.