

BELPAFLON PL-9000-LC

MODIFIED P.T.F.E. SHEET FOR GASKETS

TECHNICAL DATA SHEET

□ 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 alcalis at high concentrations (sodium hydroxide, sulphuric acid, nitric acid, hydrogen chloride, potassium hydroxide).

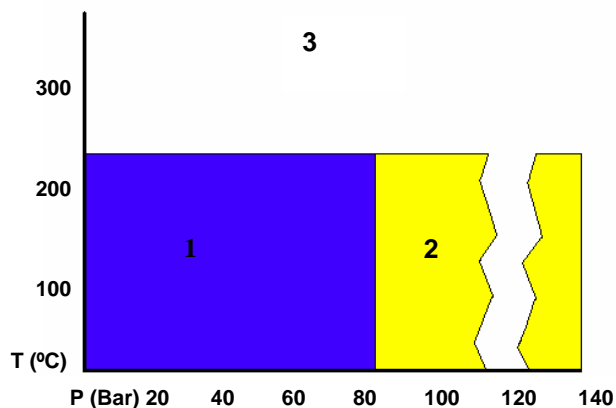
It is specially designed for services in which the chemical attack is combined with high pressures and temperatures improving on the traditional P.T.F.E. sheets behaviour. There is an addition of special charges that prevents the creep deformation.

Non flammable and No ageing. Complies FDA .

□ TECHNICAL DATA

Colour	White/Grey
Filler	Barium Sulfate
Standard sizes (mm)	1500 x 1500
Standard thickness (mm). Other upon request	1,5 : 2,0: 3,0
Density ($\pm 10\%$)	2,24 g/cm ³
Temperature, min./max. °C	-268 / +260
Leakage Rate (N ₂) cm ³ /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 ξ_{wsw200} (%)	10
Cold compressibility ξ_{KSW} (%)	7
Cold recovery ξ_{KRW} (%)	3
Maximum Pressure (bar)	140

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.