

BELPA® CSC-120

COMPRESSED GASKETING SHEETS FOR STEAM

TECHNICAL DATA SHEET

□ COMPOSITION

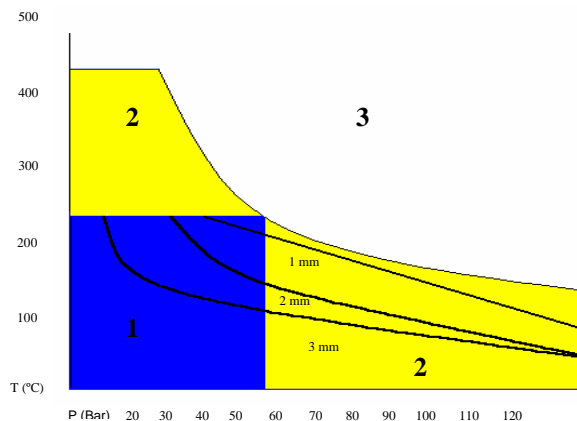
Gasket sheets BELPA CSC - 120 are manufactured with a mix of carbon and aramid fibers in a matrix of high quality synthetic rubbers. This material has a very good mechanical resistance and an acceptable resistance to steam. This material is suitable for a wide range of industrial services.

□ TECHNICAL DATA

COLOUR	Black
Binder	NBR
Standard sizes (mm) Other upon request	1500 x 1500
Standard thickness (mm). Other upon request	0,5, 0,8, 1, 1,5, 2, 3
Density ($\pm 10\%$)	1,6 g/cm ³
Compressibility ASTM F-36 A	7% - 15%
Recovery ASTM F-36 A	>45%
Creep Relaxation ASTM F-38	10%
Transverse tensile strength ASTM F-152	13 MPa
Gas permeability DIN 3535 modified	<0.01cm ³ /min
THICKNESS INCREASE ASTM F-146	
ASTM oil N°1 5h 150°C	<4%
ASTM oil N°3 5h 150°C	<8%
ASTM fuel B 5h RT	<8%
Maximum Temperature	450°C
Continuous Temperature	290°C
Maximum Pressure	140 bar

Typical properties for 2 mm thickness. DATA CERTIFICATED BY LLOYD'S REGISTER 'S TYPE APPROVAL SYSTEM

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