

# BELPA CSA-90

## UNIVERSAL COMPRESSED GASKETING SHEETS FOR HIGH SERVICES

### TECHNICAL DATA SHEET

#### □ COMPOSITION

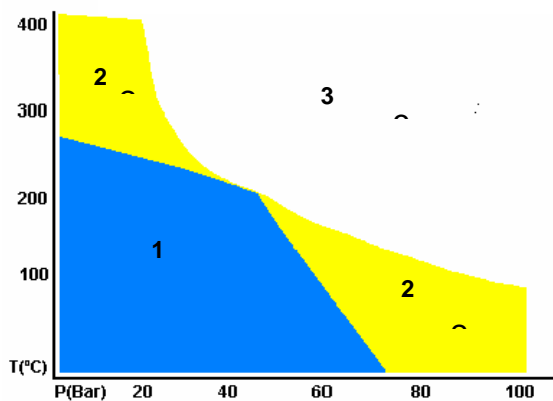
Compressed sheets for gaskets CSA - 90 are manufactured with aramide and high quality mineral fibres mixed in a rubber NBR matrix. This material has got high compressibility, good resistance to traction and low gas permeability, excellent characteristics for many industrial services, where the high demand of resistance to temperature and pressure must be combined.

#### □ TECHNICAL DATA

COLOUR	Pink
Binder	NBR
Standard sizes (mm) Other upon request	1500 x 1500
Standard thickness (mm). Other upon request	0.8; 1; 1,5 ; 2; 3
Density ( $\pm 10\%$ )	1.6 g/cm <sup>3</sup>
Compressibility ASTM F-36 A	8%-11%
Recovery ASTM F-36 A	>50%
Creep Relaxation	10%
Transverse tensile strength ASTM F-152	13 MPa
Gas permeability DIN 3535/4	<0.03cm <sup>3</sup> /min
THICKNESS INCREASE ASTM F-146	
ASTM oil N°1 5h 150°C	<1%
ASTM oil N°3 5h 150°C	<3%
ASTM fuel B 5h RT	<5%
Maximum Temperature	425°C
Continuous Temperature	300°C
Maximum Pressure	110 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.

**CERTIFICATIONS: DVGW, WRC (Without anti-stick treatment), DIN 1092-I , LLOYD'S REGISTER OF SHIPPING**