

# NEW BELPA® CSA-28

## COMPRESSED SHEET FOR GASKETS

### TECHNICAL DATA SHEET

#### □ COMPOSITION

Compressed sheets manufactured with aramid and mineral fibers mixed in a rubber matrix with NBR. The product BELPA® CSA – 28 is suitable for a wide range of applications with medium levels of responsibility. This material has good resistance to oils and low gas permeability, that makes this asbestos-free product suitable for most common uses at medium temperature and pressure (air, water, oil, solvents, etc).

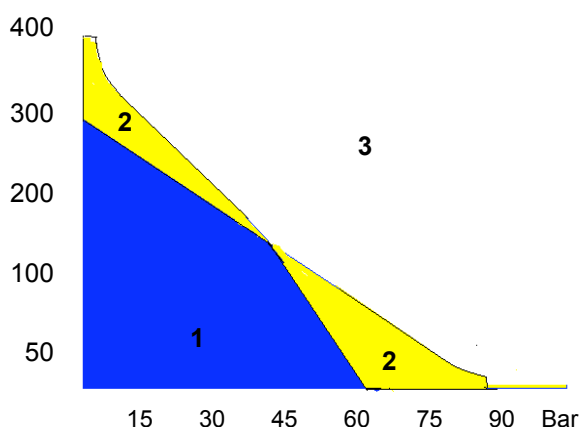
Material specially designed for water, air, gas and oils and general moderate applications.

#### □ TECHNICAL DATA

COLOUR	GREEN
Standard sizes (mm) Other upon request	1500 x 1500 / 2000X2000
Standard thickness (mm). Other upon request	0.5, 0.8, 1,0, 1,5, 2,0, 3,0
Density ( $\pm 10\%$ )	1.75 g/cm <sup>3</sup>
Compressibility ASTM F-36 A	7% - 15%
Recovery ASTM F-36 A	> 50%
Sealability ASTM F-37 B	< 0.005 ml/hr
Creep Relaxation ASTM F-38	< 10%
Transverse tensile strength ASTM F-152	10 MPa
Gas permeability DIN 3535/6	< 0.05 cm <sup>3</sup> /min
THICKNESS INCREASE ASTM F-146	
ASTM oil N°1 5h 150°C	< 3%
ASTM oil N°3 5h 150°C	< 5%
ASTM fuel B 5h RT	< 5%
Maximum Temperature	405 °C
Continuous Temperature	300 °C
Maximum Pressure	90 bar

Typical properties

#### (°C) 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.

#### **MONTERO FyE, S.A**

El Juncal, s/n. Edificio fuentes 2º Local 11  
Tel. +34-94 4180011 Fax. +34-94 418 91 83  
e-mail: [access@monterofye.com](mailto:access@monterofye.com)