

## Technical Data Sheet

**MATERIAL PROPERTIES\*:** C8200

**DESCRIPTION:** Glass fibres bonded with special acid resistant elastomers.

**COLOUR:** Brown

**SERVICE:** Premium high-pressure gasket for use with acids. Resistant to a wide variety of media. Resistant to most mineral acids, alkalis, ketones, aldehydes, and many refrigerants. Resistant to oils, fuels, hydrocarbons etc.



**TYPICAL PHYSICAL PROPERTIES:**

Compressibility ASTM F 36 J		%	9
Recovery ASTM F 36 J min		%	55
Cold / hot compression	thickness decrease at 23°C	%	7
50 MPa	thickness decrease at 300°C	%	17
Gas leakage according to DIN 3535/6		ml/min	<1.0
Chlorides (Soluble)		ppm	150
Thickness increase after fluid immersion ASTM F 146	H <sup>2</sup> SO <sup>4</sup> , 96% :18 h/23°C	%	10
	HNO <sup>3</sup> , 96% :18 h/23°C	%	Unsuitable
	H <sup>2</sup> SO <sup>4</sup> , 96% :48 h/23°C	%	8
Density		g/cm <sup>3</sup>	1.7

**AVAILABILITY:**

Sheet size : 2.0m x 1.5 m, 1.5m x 1.0m

Thickness range : 0.5 mm to 3.0mm

3xA Anti Static coating on both sides.

Notes: \* This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.



Certificate Number: 14352  
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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