Specification Sheet

Mastite NASB 9, a compressed gasket sheeting is manufactured with aramid and high quality mineral fibres mixed in a rubber NBR matrix. This material exhibits high compressibility with good resistance to traction and low gas permeability. It has been developed to cater for many industrial services, where the high demand for resistance to temperature and pressure must be combined.

CHARACTERISTICS

Colour:	Pink,
Thickness:	0.25, 0.5,0.8,1.0,1.5,2.0,3.0mm
Standard Sheet Dimensions:	2000mm x 1500mm

Inherent Anti-stick Properties
Good behaviour on cutting
Excellent resistance to oils, hydrocarbons, alkalis and steam at moderate temperatures

Resistance to Temperature

Maximum continuous temperature:	250°C
Maximum short term temperature	400°C

TECHNICAL DATA

Density (gr/cm³)		1.6±10 %
Compressibility	(ASTMF-36A)	7-15 %
Recovery	(ASTM F-36A)	> 45 %
Transverse Tensile Strength	(ASTM F-152)	13 MPa
Gas permeability	(DIN3535/4)	< 0,5 cm³/min
Leachable Chloride		< 50 ppm
Sulphur Content		< 100 ppm

Increase in thickness	**(ASTM F-146)**	
ASTM Oil N°.1	(5hrs @ 150°C)	< 1%
ASTM Oil N°.3	(5hrs @ 150°c)	< 3%
ASTM Fuel B	(5hrs 20°c)	< 5%

Flexibility		Good
Anti Stick Finish	**(ASTM F-64-F104)**	Class1
Maximum Temperature		400°c
Maximum Pressure		100 Bar
Maximum lower service temperature		- 45 °C

Tensile strength	**(DIN52910)**	
Length wise		25 N/mm²
Crosswise		13 N/mm²
Stress relaxation	(DIN52913)	29 N/mm²
Cold compressibility	(DIN28091-2)	9-10%
Cold recovery	(DIN28091-2)	4-5%

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Stress relaxation	(DIN52913)	29 N/mm^2
Cold compressibility	(DIN28091-2)	9-10%
Cold recovery	(DIN28091-2)	4-5%
Hot creep at 200°c	(DIN28091-2)	10-11%
Hot recovery at 200°c	(DIN28091-2)	1.5%
Recovery	(DIN28091-2)	0.03mm
Maximum gaskets pressure	(DIN28090-2	130 N/mm^2
Tightness with N_2	(DIN3535)	< 0.5cm^3/min
Approvals		DVGW, WQC

Mastite NASB 9

One of the problems with Non-Asbestos sheeting is that it has a much lower fibre content than Compressed Asbestos sheeting. However, **NASB9** is different.

It offers the highest continuous temperature performance because it has a considerably higher content than the other materials in the Non-Asbestos range. This means that the material is much more stable.

TYPICAL APPLICATIONS & INDUSTRIES

This material can be used in such areas as Power Stations, the Petrochemical Industry, Plant and Apparatus Industry (Maintenance), General Chemical Industry, due to an excellent resistance to chemicals and also the Gas and Water Industries.

Good performance and long service life of gaskets depends largely on the fitting of gaskets and the operating conditions, over which BG have no control.

The data given in this technical sheet should be used as guidance only. If you require any further technical information, please contact our technical department, c/o Dr. Ken Taylor.

We offer guarantees only for the quality of our products.