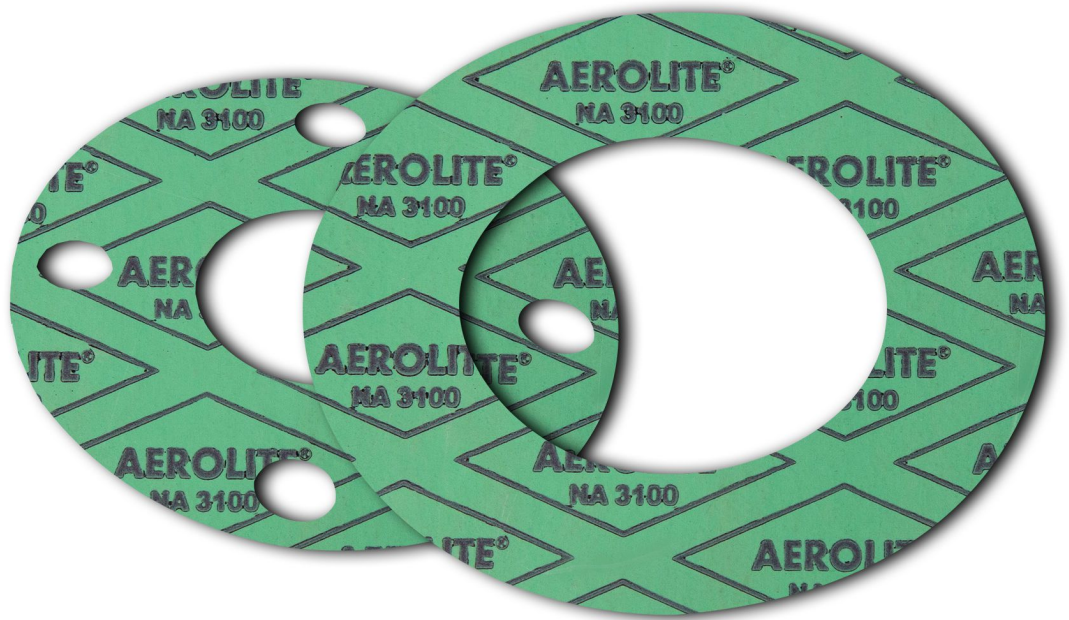


# Aerolite<sup>®</sup> NA3100

High Quality Material for Reliable Sealing



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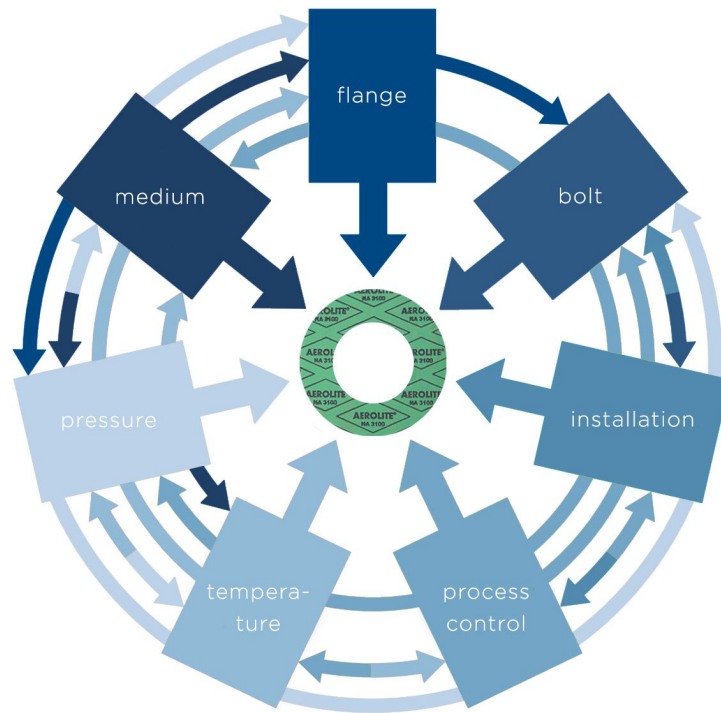
Email: [sales@tbj.com.my](mailto:sales@tbj.com.my) Website: [www.tbj.com.my](http://www.tbj.com.my)



MS ISO/IEC 17021:2011  
QS26122016 CB 16



Certificate Number : FM 646287  
ISO 9001 : 2015



## Basis

- Gasket material based on organic fibre with NBR binder.

## Factors affecting on the gasket

- The suitability of a gasket material for an application is dependent upon a multiplicity of factors as shown in the above diagram.
- Max temperature and pressure values can not define the suitability for application.
- It is always advisable to consider these factors when selecting a material for a given application.

## Dimensions of the standard sheets

### Sizes:

1,500x1,500 mm, 1,500x3,000 mm, 2,000x3,000 mm

### Thicknesses:

0.8mm , 1.0mm, 1.5mm, 2.0mm, 3.0mm, 4.0mm, 5.0mm

### Tolerances:

Thickness acc. BS-7531

Length  $\pm$  50mm, width  $\pm$  50mm

(Other thicknesses, sizes and tolerances on request)

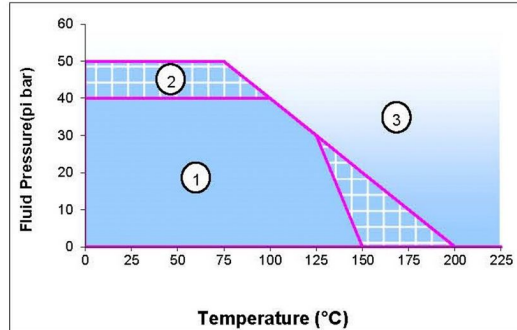
### Finish:

Green

### ASTM F 104 Line Call out:

F 712232 E34 A9 B6 M4

- General purpose grade suitable for low pressure steam, water, oils, fuels and inert gases for low stress conditions.



- **1** In area one, the gasket material is normally suitable subject to chemical compatibility.
  - **2** In area two, the gasket materials may be suitable but a technical evaluation is recommended.
  - **3** In area three, do not install the gasket without a technical evaluation.
- All data are typical values and refer to sheet thickness of 2.0mm.

	Test Method	Specified Value	Unit
Max. Peak Temperature		200	°C
Max. Operating Temperature		150	°C
Max. Operating Pressure		50	bar
Density	ASTM F 1315	1.6 - 1.9	g/cm <sup>3</sup>
Compressibility	ASTM F 36 J	7 - 17	%
Recovery	ASTM F 36 J	≥ 40	%
Tensile Strength	ASTM F 152	≥ 7	N/mm <sup>2</sup>
Creep Relaxation	ASTM F 38 B	≤ 40	%
Stress Relaxation (16h 175 °C)	DIN 52913	≥ 15	
Gas Sealability	ASTM F 37 B	< 1.0	ml/ hour.
ASTM oil no.3 (5h, 150 °C)	ASTM F 146		
Thickness Increase		≤ 15	%
Weight Increase		≤ 20	%
ASTM Fuel B (5h, 23 °C)	ASTM F 146		
Thickness Increase		≤ 20	%
Weight Increase		≤ 20	%
Water (5h, 100 °C)	ASTM F 146		
Thickness Increase		≤ 10	%
Weight Increase		≤ 15	%

*All information/applications contained in this publication are to the best of our product knowledge. Since condition of uses is beyond our control, users must satisfy themselves that products are suitable for the intended processes and uses. Failure of select the proper sealing products could result in property damage and/or serious personal injury. We reserve the right to change product information without notice.*