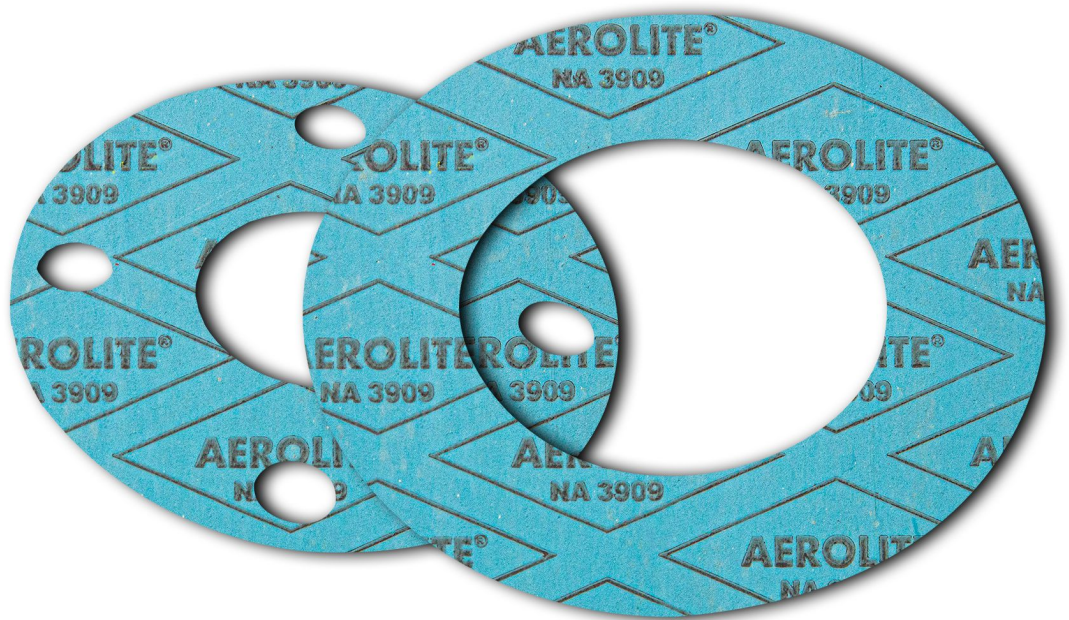


# Aerolite<sup>®</sup> NA3909

High Quality Material for Reliable Sealing



**TBJ-UTEX INDUSTRIES (M) SDN BHD**

(Company No: 319073-P)

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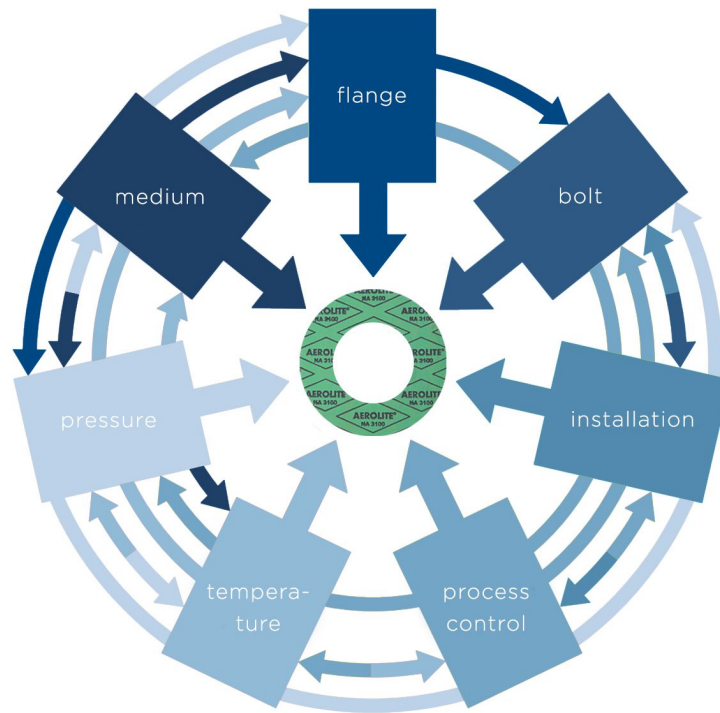
Email: [sales@tbj.com.my](mailto:sales@tbj.com.my) Website: [www.tbj.com.my](http://www.tbj.com.my)



MS ISO/IEC 17021:2011  
QS26122016 CB 16



Certificate Number : FM 646287  
ISO 9001 : 2015



## ● Basis

- Gasket material based on Aramid fibre & organic fibre with NBR binder and steel wire reinforced.

## ● 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:

1.0mm, 1.5mm, 2.0mm, 3.0mm

### Tolerances:

Thickness acc. BS-7531

Length ± 50mm, width ± 50mm

(Other thicknesses, sizes and tolerances on request)

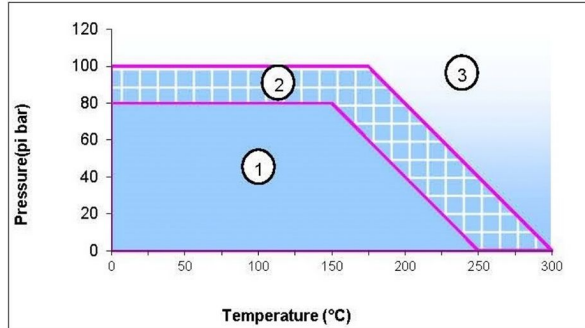
### Finish:

Blue

### ASTM F 104 Line Call out:

F 712121 E23 A9 B5 M5

- A premium metallic grade suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steams, water, cooling liquids, most diluted acids and alkalies for medium 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		300	°C
Max. Operating Temperature		250	°C
Max. Operating Pressure		100	bar
Density	ASTM F 1315	1.7 - 2.0	g/cm <sup>3</sup>
Compressibility	ASTM F 36 J	7 - 17	%
Recovery	ASTM F 36 J	≥ 40	%
Tensile Strength	ASTM F 152	≥ 10.5	N/mm <sup>2</sup>
Creep Relaxation	ASTM F 38 B	≤ 30	%
Stress Relaxation (16h 175 °C)	DIN 52913	≥ 22	
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		≤ 15	%
ASTM Fuel B (5h, 23 °C)	ASTM F 146		
Thickness Increase		≤ 15	%
Weight Increase		≤ 15	%
Water (5h, 100 °C)	ASTM F 146		
Thickness Increase		≤ 10	%
Weight Increase		≤ 10	%

*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.*