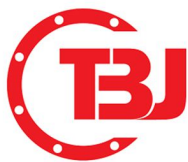


Aerolite[®] NA4420

High Quality Material for Reliable Sealing
Certified Fire Safe According to API 6FB!



TBJ-UTEX INDUSTRIES (M) SDN BHD

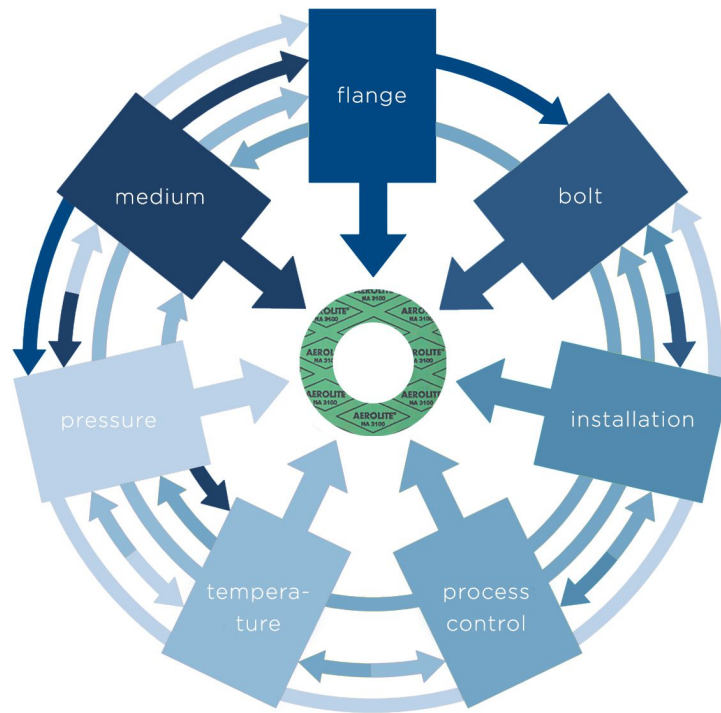
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MS ISO/IEC 17021:2011
QS26122016 CB 16



Certificate Number : FM 646287
ISO 9001 : 2015



Basis

- Gasket material based on Aramid fibre, Glass fibre & 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:

1.5mm, 2.0mm, 3.0mm

Tolerances:

Thickness acc. BS-7531

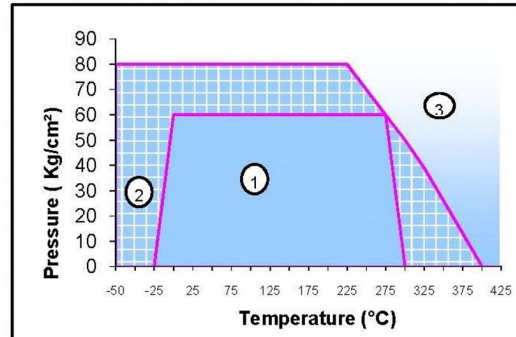
Length \pm 50mm, width \pm 50mm

(Other thicknesses, sizes and tolerances on request)

Finish:

White

- Suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and alkalis for high 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	UPTO	-50 to 400	°C
Max. Operating Temperature	UPTO	-25 to 300	°C
Max. Operating Pressure		60	kg/cm ³
Density	ASTM F 1315	1.6 - 1.8	g/cm ³
Compressibility	ASTM F 36 J	9 - 17	%
Recovery	ASTM F 36 J	≥ 45	%
Tensile Strength	ASTM F 152	≥ 8	N/mm ²
Stress Relaxation (16h 175 °C)	DIN 52913	≥ 30	N/mm ²
Gas Sealability	ASTM F 37 B	< 1.0	ml/min.
ASTM oil no.3 (5h, 150 °C)	ASTM F 146		
Thickness Increase		≤ 5	%
Weight Increase		≤ 10	%
ASTM Fuel B (5h, 23 °C)	ASTM F 146		
Thickness Increase		≤ 5	%
Weight Increase		≤ 12	%
Water (5h, 100 °C)	ASTM F 146		
Thickness Increase		≤ 5	%
Weight Increase		≤ 5	%

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.