

NA-jointing-sheet TEADIT NA-1122

Description:

TEADIT style NA-1122 is an elastomer bonded non-asbestos fiber sheet material what is manufactured in a hot calander process.

The material consist primarily of a combination of inorganic fibres and fillers which are bonded with nitrile rubber (NBR). For antistick purposes is the surface equipped with a special graphite finish.

If requested, TEADIT style NA-1122 is optionally available with a wire mesh reinforcement made of galvanized carbon steel, as style NA-1122M.

Applications:

TEADIT style NA-1122 was developed especially for sealing applications at elevated temperatures.

In contrast to other fiber sheet materials, NA-1122 has an outstanding temperature resistance and is therefore ideally suited for the use with saturated and superheated steam.

Typical Physical Properties:

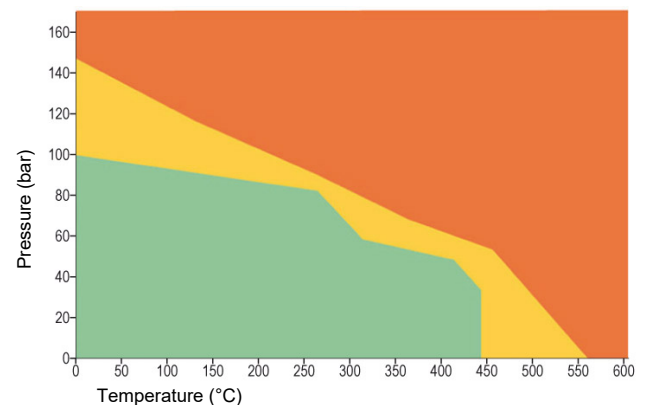
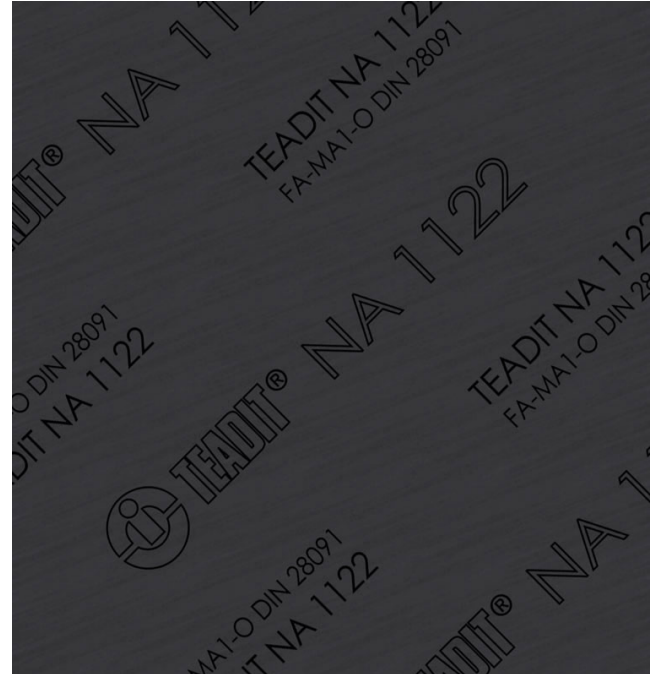
Test	Properties	Value
ASTM F 36J	Compressibility	7-17 %
ASTM F 36J	Recovery - minimum	>40 %
ASTM F 152	Tensile Strength - average	9 MPa
DIN 52913	Residual Stress	43 MPa
ASTM F146	Thickness Increase	maximum
	ASTM Oil IRM 903 5 h/300 °F (150 °C)	< 15 %
	Fuel B, 5 h/77 °F (25 °C)	< 15 %
ASTM F146	Weight Increase	maximum
	ASTM Oil IRM 903 5 h/300 °F (150 °C)	< 30 %
	Fuel B, 5 h/77 °F (25 °C)	< 20 %
ASTM F 1315	Density	1.6 g/cm ³

Product standard:

- Thickness: from 0,4 mm up to 3,2 mm
- Sheet size: 1.500 x 1.600 mm and 1.500 x 3.200 mm

Specification data:

- **Compliance** ASTM F104 - 719140E33-M9
- **Temperature**
 - Continuous Service: 430 °C
 - Maximum: 550 °C
- **Pressure**
 - Continuous Service: 102 bar
 - Maximum: 150 bar
- **Color** Black



The P x T diagram above indicates the service limits for NA-1122 considering the simultaneous influence of pressure and temperature (chemical suitability assumed). The green area represents the normal service limits, for the yellow area consultation is recommended, while the orange colored area shows the maximum application limits for which technical consultation is mandatory.

Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences TEADIT® has made so far. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. TEADIT® does not undertake any liability of any kind whatsoever. Please note: the color of the actual product might vary from the above image on this data-sheet.

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