

NA-jointing-sheet TEADIT NA-1122

Description:

TEADIT style NA-1122 is a compressed non-asbestos sheet gasket material produced from a combination of inorganic fibres and special fillers, bonded with nitrile rubber (NBR). It is being manufactured by means of a hot calender process. TEADIT maintains a quality management system that is certified according to DIN EN ISO 9001. **TEADIT style NA-1122** is also available with wire reinforcement.

Applications:

TEADIT style NA-1122 was developed to exhibit superior thermal stability during extreme thermal cycling applications. It is specifically recommended for saturated and superheated steam services. Field tests have validated the results found in our laboratories and have confirmed the higher performance capabilities of the **NA-1122** compressed sheet.

Typical Physical Properties:

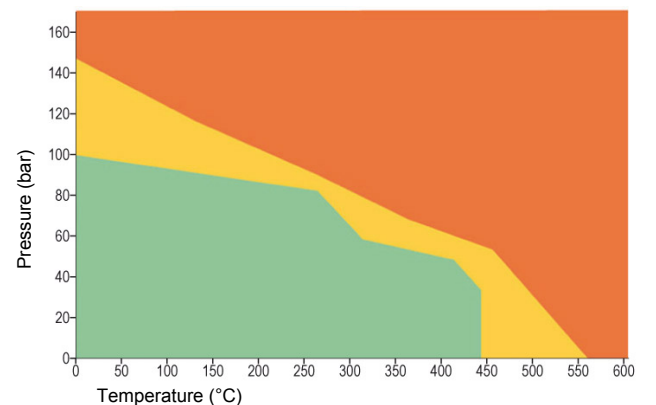
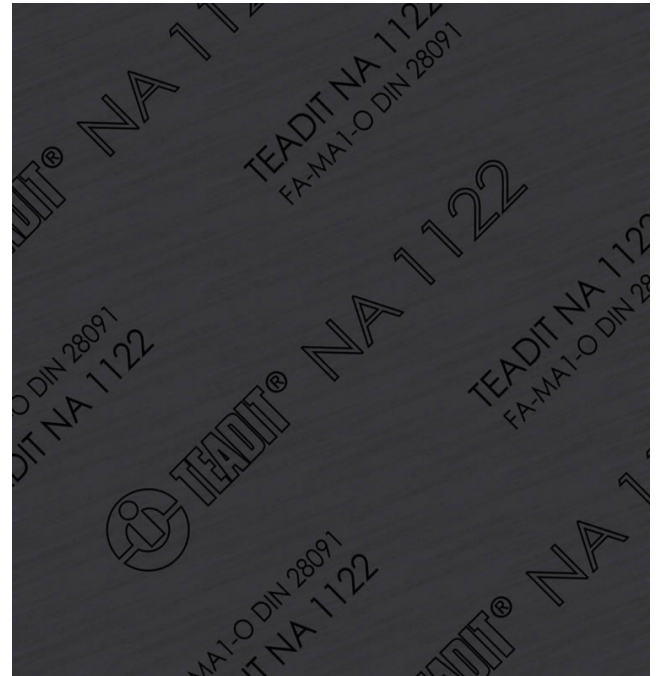
Test	Properties	Value
ASTM F 36J	Compressibility	7-17 %
ASTM F 36J	Recovery - minimum	>40 %
ASTM F 152	Tensile Strength - average	9 MPa
DIN 52913	Residual Stress	43 MPa
ASTM F146	Thickness Increase	maximum
	ASTM Oil IRM 903 5 h/300 °F (150 °C)	<15 %
	Fuel B, 5 h/77 °F (25 °C)	<15 %
ASTM F146	Weight Increase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