

NA-jointing-sheet TEADIT NA-1002EU

Description:

TEADIT style NA-1002EU is a high-end compressed non-asbestos jointing-sheet material made of aramid fibers and bonded with nitrile (NBR) rubber.

The material has excellent mechanical, temperature and chemical properties. 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.

Application / service:

TEADIT style NA-1002 is indicated for sealing petroleum derivatives, water, saturated steam, gases and chemical products in general. Exceptional performance in connection with gas.

Typical physical properties:

Test	Properties	Values
ASTM F 36	Compressibility	5-15 %
ASTM F 36	Recovery	> 50 %
ASTM F 146 Weight increase:		
	ASTM oil/Nr.3, 5 h/300 °F (150 °C)	< 15 %
	ASTM Fuel B, 5 h/77 °F (25 °C)	< 10 %
ASTM F 146 Thickness increase:		
	ASTM oil/Nr. 3, 5 h/300 °F (150 °C)	< 15 %
	ASTM Fuel B, 5 h/77 °F (25 °C)	< 10 %
ASTM F 152	Tensile strength, transverse	12 N/mm ²
-	Density	app.1,95 g/cm ³

Product standard:

- Thickness: 0.5 to 5.0 mm
- Sheet size: 1.500 x 1.600 mm, 1.500 x 3.200 mm

Technical data:

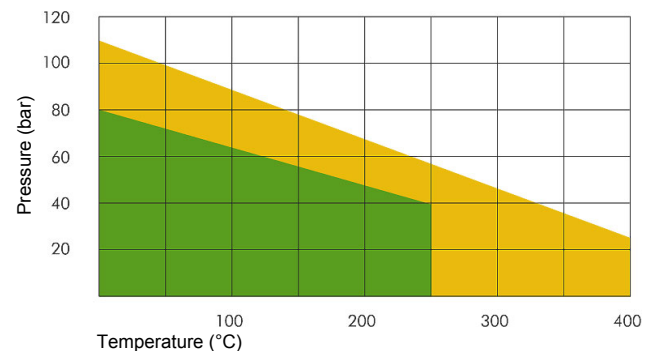
- Peak temperature: +400 °C
- Constant temperature: +260 °C
- Peak pressure: 110 bar
- Constant working pressure: 80 bar
- Color: green

Approvals:

- TA-Luft
- KTW
- WRAS
- ABS
- Blow-Out VDI 2200
- ISO 19221 Flame Resistance

Tests:

- BAM



The P x T diagram above indicates the service limits for NA-1002 considering the simultaneous influence of pressure and temperature (chemical suitability assumed). The green area represents the normal service limits, while the orange colored area shows the maximum application limits. For those cases, please consult our technical department.

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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