

NA-jointing-sheet TEADIT NA-1002EU

Description:

TEADIT style NA-1002 is a compressed non-asbestos jointing-sheet material produced from Aramid fibres, bonded with Nitrile rubber (NBR). It is being manufactured by means of a hot calender process under rigorous quality control standards which are registered under ISO 9001 certification.

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 3.0 mm
- Sheet size: 1.500 x 1.600 mm, 1.500 x 3.200 mm

Technical data:

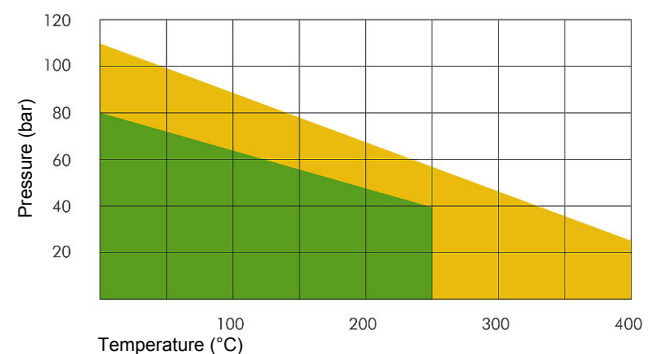
- Peak temperature: +400 °C
- Constant temperature: +260 °C
- Peak pressure: 110 bar
- Constant working pressure: 80 bar
- Color: green

Approvals:

- TA-Luft
- DVGW
- KTW
- WRAS
- ABS
- Blow-Out VDI 2200

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.