

# 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-1002EU 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 ASTM	Properties	Values
F 36	Compressibility	5-15 %
ASTM F	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 <sup>2</sup>
-	Density	app. 1,95 g/cm <sup>3</sup>

## Product standard:

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

## Technical data:

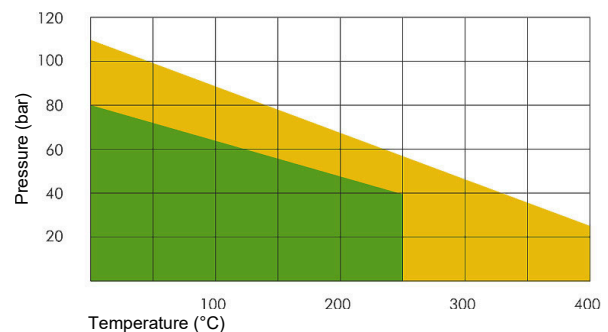
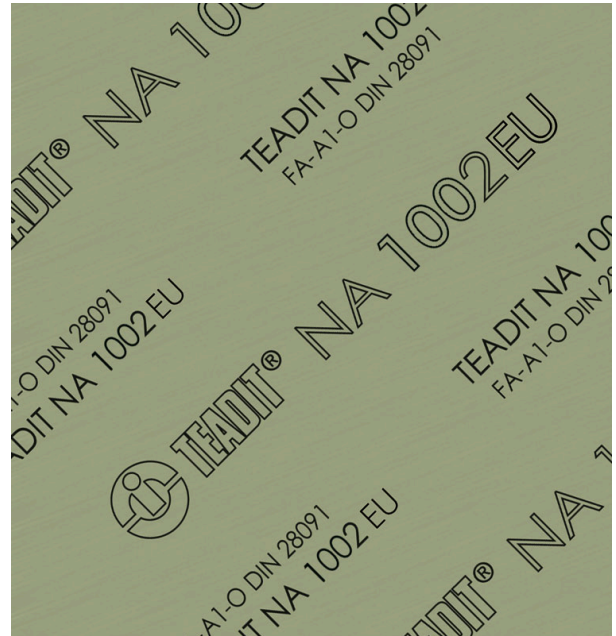
- Peak temperature: +400 °C
- Constant temperature: +260 °C
- Peak pressure: 110 bar
- Constant working pressure: 80 bar
- Color: green

## Approvals:

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

## Tests:

- BAM • EN 13555



The P x T diagram above indicates the service limits for NA-1002EU 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.

