

NA-jointing-sheet TEADIT NA-1005

Construction:

TEADIT style NA-1005 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.

Please note: the colour of the actual product might vary from the above image on this data-sheet.

Application / service:

Style NA-1005 is indicated for air, brine, water, low pressure steam, organic and weak inorganic acids, diluted and concentrated alkalis, petroleum derivatives, synthetic and vegetable oils, aliphatic and chlorinated solvents, refrigerants, gases and chemical products in general.

Typical physical properties NA-1005

ASME test Properties Values

F 36 Compressibility 7-17 %

F 36 Recovery 45 %

F 146 Weight increase:

5h/ASTM oil/Nr.3 @ +150°C 15 %

5h/ASTM Fuel B @ +21-29°C 15 %

F 146 Thickness increase:

5h/ASTM oil/Nr. 3 @ +150°C 12%

5h/ASTM Fuel B @ +21-29°C 10 %

F 152 Tensile strength, transverse 11,5 N/mm²

DIN 52913 Residual Stress 28 N/mm²

F 38 Creep relaxation 25%

F 37 A Sealability at 1000 psi 0,25 ml/h

Density app.1,75 g/cm³

Product standard:

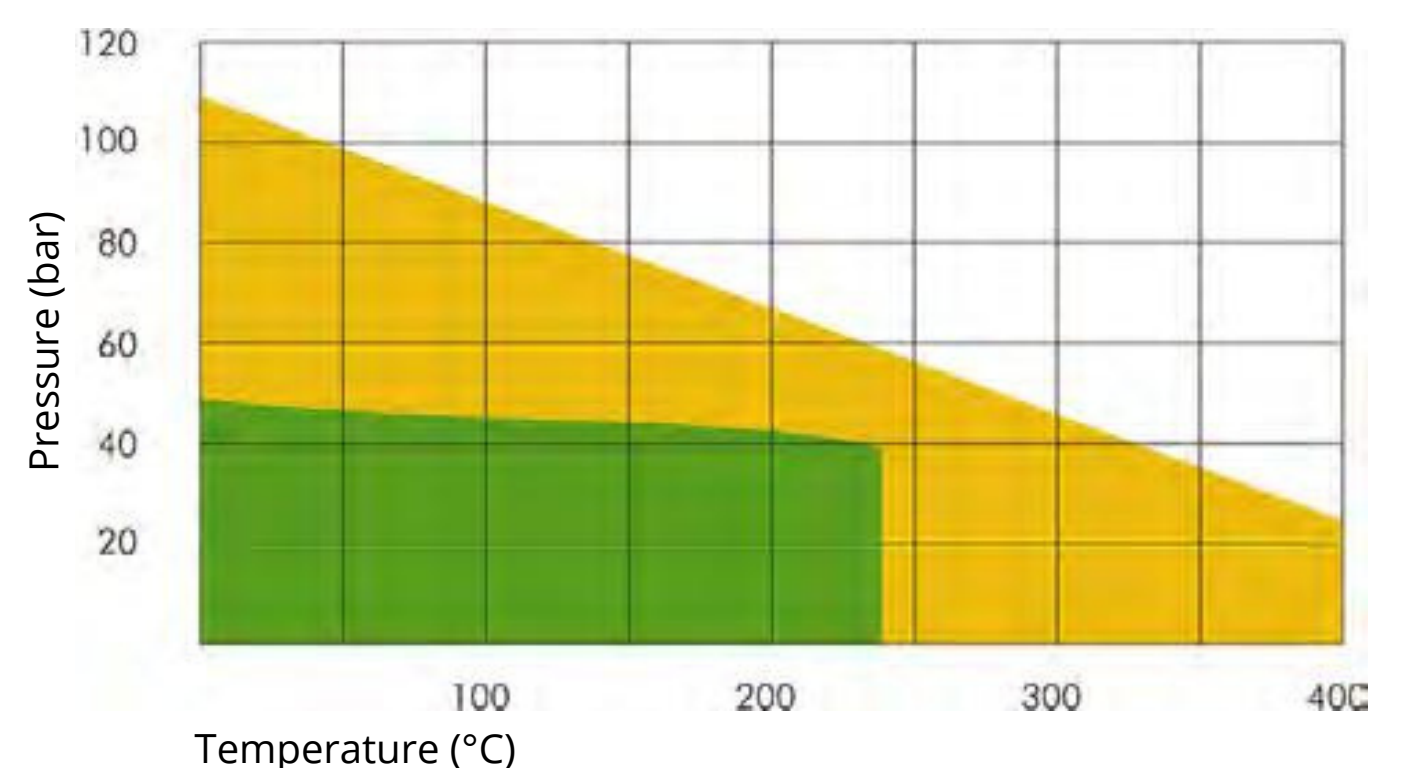
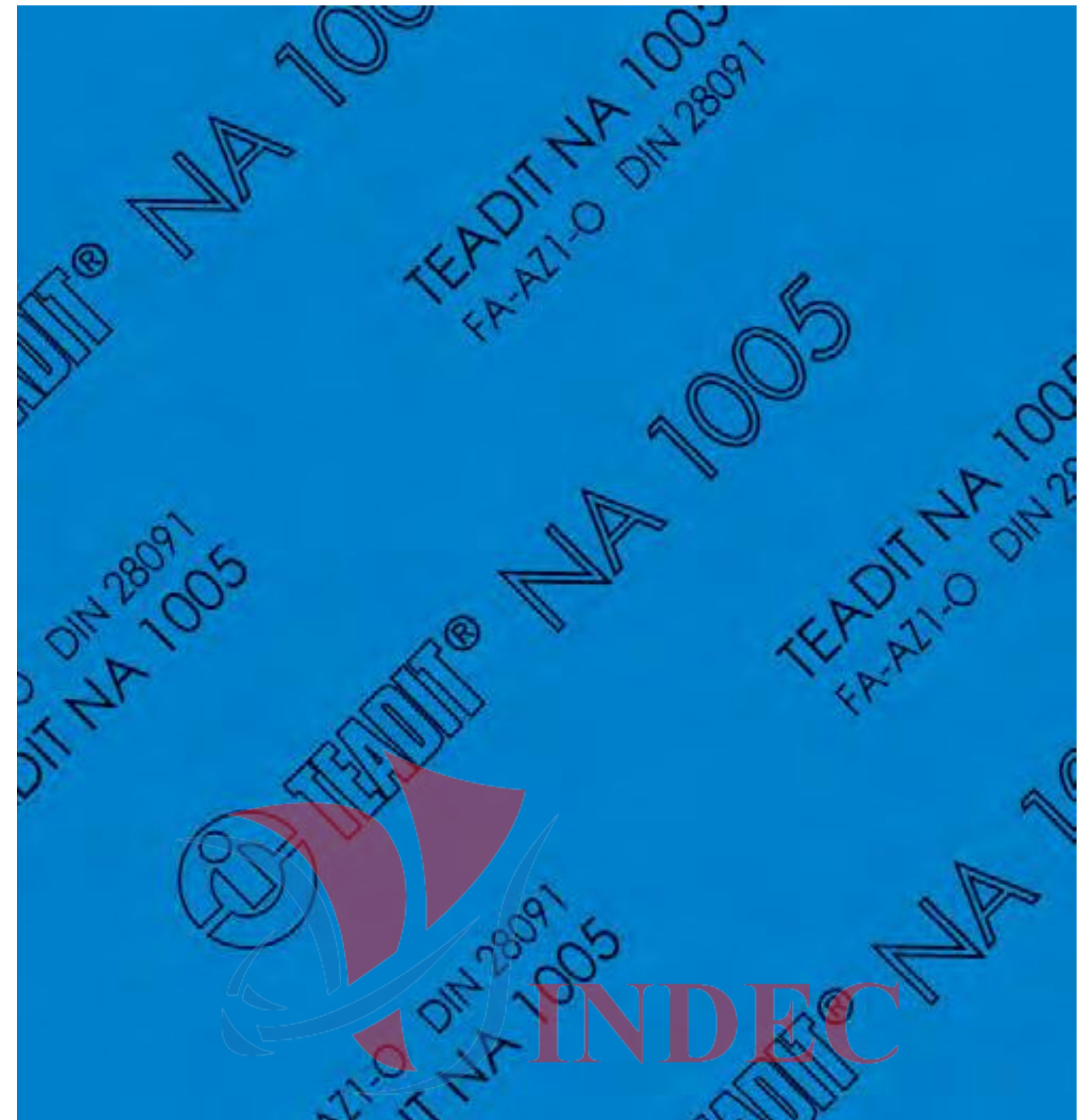
- Thickness: 0.5 / 1.0 / 1.5 / 2.0 / 2.5 and 3.0 mm
- Sheet size: 1.500 x 1.600 mm, 1.500 x 3.200 mm

Technical data:

- Peak temperature: + 400°C
- Constant temperature: + 240°C
- Peak pressure: up to 110 bar
- Constant working pressure: 50 bar
- Colour: blue

Tests & Approvals:

- Germanischer Lloyd
- KTW
- ABS



The P x T diagram above indicates the service limits for NA-1005 considering the simultaneous influence of pressure and temperature (chemical suitability assumed). The green area represents the normal service limits, while the orange coloured 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 colour of the actual product might vary from the above image on this data-sheet.