

NA-jointing-sheet TEADIT NA-1122

Applications:

TEADIT style NA1122 was developed to exhibit superior thermal stability during extreme thermal cycling applications. It is specifically recommended for saturated and superheated steam services but has also proven itself to be very effective in sealing liquid petroleum derivatives, ethanol, chemical products and other fluids. Field tests have validated the results found in our laboratories and have confirmed the higher performance capabilities of the NA1122 compressed sheet.

Construction:

TEADIT style NA1122 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 manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification. TEADIT style NA1122 is also available with wire reinforcement.

Specification:

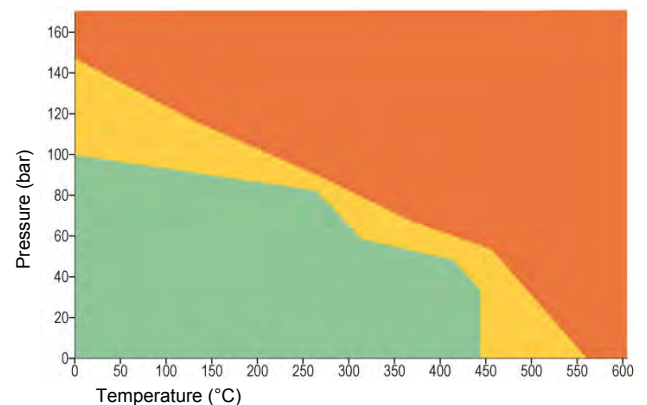
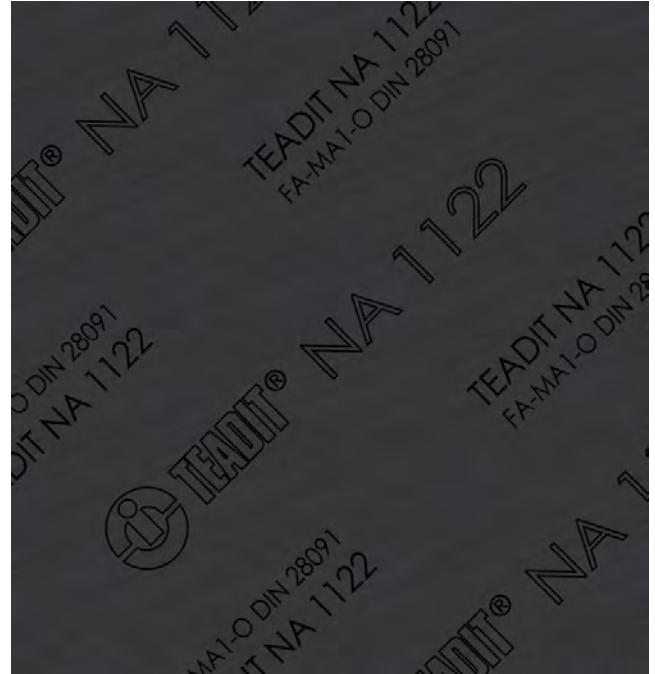
Compliance	ASTM F104 - 719140E33-M9
Temperature	Continuous Service: 430°C Maximum: 550°C
Pressure	Continuous Service: 102 bar Maximum: 150 bar
Color	Black

Product standard:

- Thickness: from 0,4mm up to 3,2mm
- Sheet size: 1.500 x 1.600 mm and 1.500 x 3.200 mm

Typical Physical Properties:

• Density - ASTM F1315	1.6 g/cm ³
• Compressibility - ASTM F36A	12 - 22 %
• Recovery - ASTM F36A - minimum	40 %
• Tensile Strength average - ASTM F152	9 MPa
• Torque Retention - DIN 52913	43 MPa
• Thickness Increase - ASTM F146	maximum
ASTM Oil IRM 903 5h/300°F (150°C)	15 %
Fuel B, 5h/77°F (25°C)	15 %
• Weight Increase - ASTM F146	maximum
ASTM Oil IRM 903 5h/300°F (150°C)	30 %
Fuel B, 5h/77°F (25°C)	20 %



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