

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.

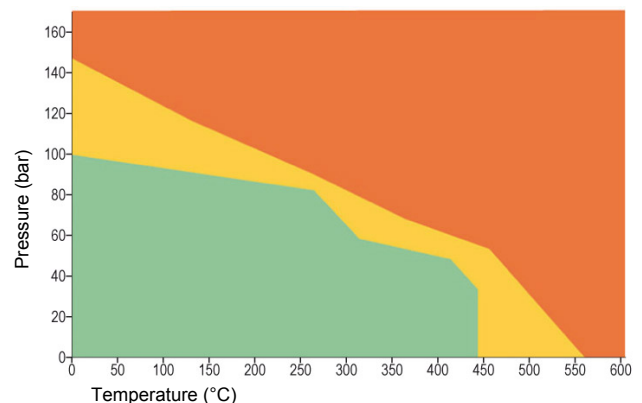
Construction:

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 wire reinforced.



The P x T diagram below 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. For those cases, please consult our technical department.

Availability	Size: 1500 x 1600 mm or 1500 x 3200 mm
Specification	
Compliance	ASTM F104 - 719140E33-M9
Temperature	Continuous Service: 430°C Maximum: 550°C
Pressure	Continuous Service: 102 bar Maximum: 150 bar
Color	Black



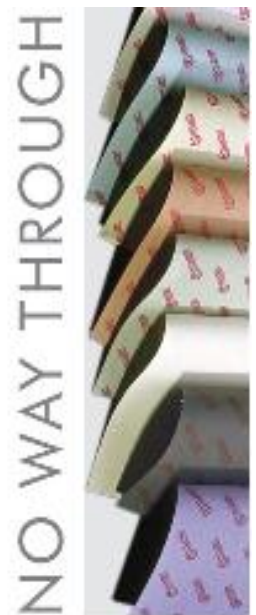
Typical Physical Properties:

Density - ASTM F1315	1.46 g/cm ³
After 1 hour at 210°F (100°C)	
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 %

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