

TEADIT NA-1100

Rev.Nr.: 04/110305

Construction:

TEADIT style NA-1100 is a universal jointing sheet with high temperature and pressure resistance, manufactured from graphite and carbon fibre, bonded with Nitrile rubber (NBR). It is manufactured by means of a hot calender process under rigorous quality control standards which are registered and certified under ISO 9001.

Application / service:

Style NA-1100 is suitable for sealing petroleum derivatives, water, saturated steam, solvents, gases and chemical products in general.

Typical physical properties of NA-1100

ASTM test	Properties	Values
F 36	Compressibility	9%
F 36	Recovery	60%
F 146	Weight increase::	
	5h/ASTM oil/Nr.3 @ + 150°C	10%
	5h/ASTM Fuel B @ +21-29°C	9 %
F 146	Thickness increase:	
	5h/ASTM oil/Nr. 3 @ +150°C	7%
	5h/ASTM Fuel B @ +21-29°C	7%
F 152	Tensile strength (transverse)	17 N/mm ²
-	Density	1,7 g/cm ³

Product standard:

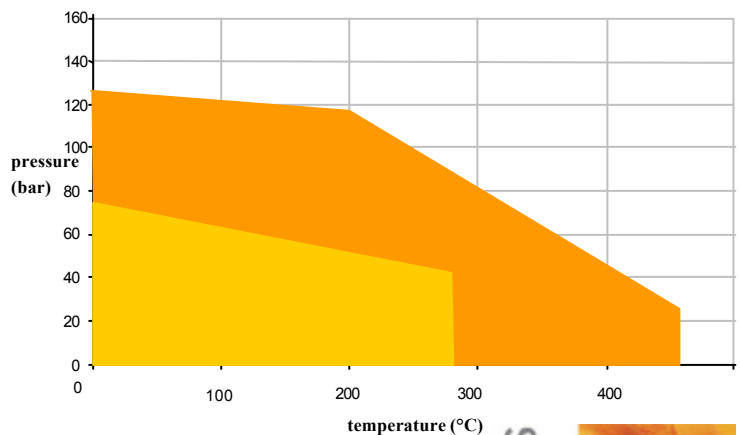
thickness: 1,0 / 1,5 / 2,0 / 2,5 und 3,0 mm
sheet size: 1.500 x 1.600 mm, 1.500 x 3.200 mm

Approvals:

DVGW
KTW



The P x T diagram above indicates the service limits for NA-1100 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.



Technical data:

Peak temperature: + 450°C
Constant temperature: + 270°C
Peak pressure: up to 130 bar
Constant working pressure: 70 bar
Colour: black

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Since all properties, specifications and application parameters shown throughout this product information 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 liability of any kind whatsoever.

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