

Product information

01/121013

NA-jointing-sheet TEADIT NA-1100

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 NA-1100

ASTM test	Properties	Value
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	app. 1,7 g/cm ³

Product standard:

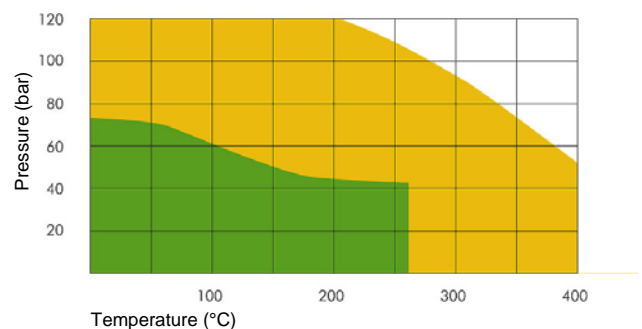
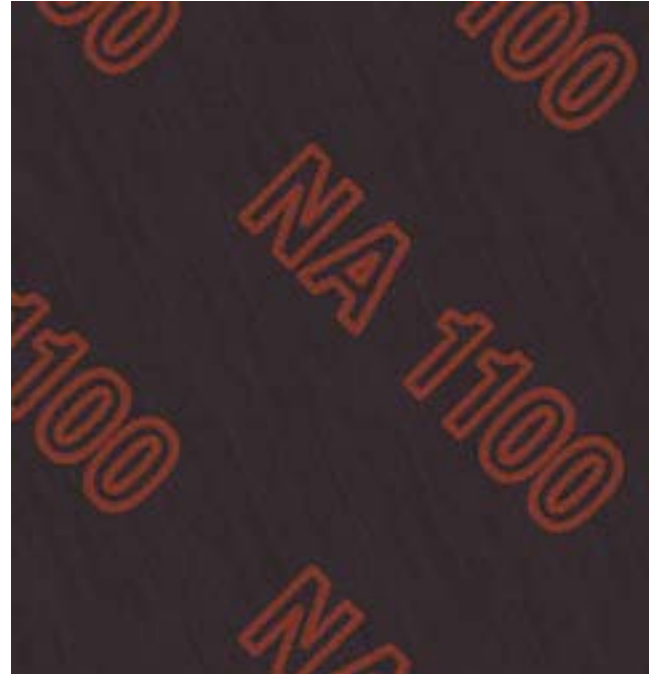
- Thickness: 1.0 / 1.5 / 2.0 / 2.5 and 3.0 mm
- Sheet size: 1.500 x 1.600 mm, 1.500 x 3.200 mm

Technical data:

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

Approvals:

- TA-Luft
- DVGW
- Blow-Out-Test VDI 2200
- Germanischer Lloyd Approval
- 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.

