

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	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

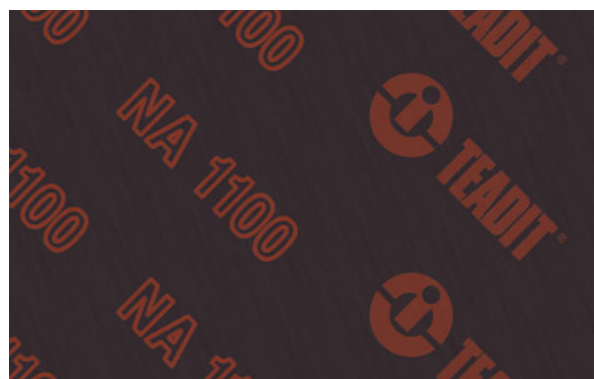
Technical data:

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

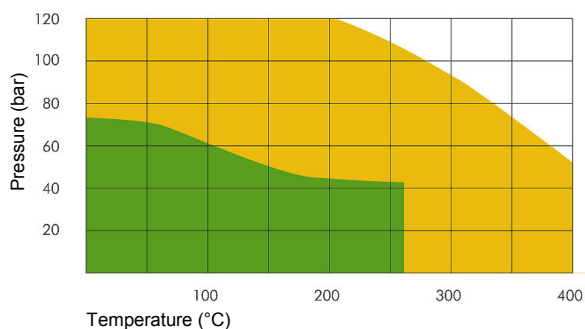
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The P x T diagram above indicates the service limits for NA-1100 considering the simultaneous influence of pressure and temperature (chemical suitability assumed). The green area represents the normal service limits, while the orange coloured area shows the maximum application limits. For those cases, please consult our technical department.



Approvals:

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

NO WAY THROUGH

