TEADIT NA-1040

Rev.Nr.: 03/131004

Construction:

TEADIT style NA-1040 is a non-asbestos jointing-sheet material produced from cellulose fibres, bonded with Nitrile rubber (NBR). It is being manufactured by means of a hot calender process under rigorous quality control standards, registered and certified under ISO 9001.

Application / service:

Style NA-1040 is an excellent general service sheet, formulated to handle medium pressures and temperatures. Suitable for water, petroleum derivatives, diluted alkalis, brine, animal and vegetable oils, general chemicals, aliphatic and aromatic solvents, neutral solutions etc. Style NA-1040 is also recommended as an economic insert for PTFE-envelope-gaskets.

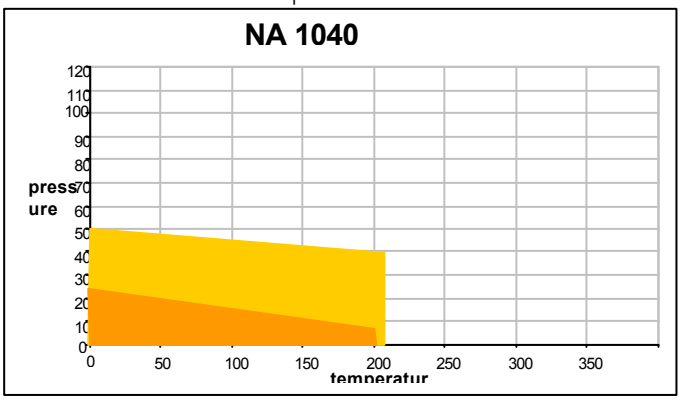
Typical physical properties of NA-1040

ASTM test	Properties	Values
F 36	Compressibility	13%
F 36	Recovery	55%
F 38	Creep relaxation	29%
F 495	Ingnition loss	28%
F 146	Weight increase::	
	5h/ASTM IRM 903 @ + 150°C	11%
	5h/ASTM Fuel B @ +21-29°C	9 %
F 146	Thickness increase:	
	5h/ASTM IRM 903 @ +150°C	9%
	5h/ASTM Fuel B @ +21-29°C	8%
F 152	Tensile strength (transverse)	8 N/mm²
-	Density	1,8 g/cm³

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

The P x T diagram indicates the service limits for NA-1040 considering the simultaneous influence of pressure and temperature (chemical suitability assumed). The orange area represents the normal service limits, while the yellow coloured area shows the maximum application limits. For those cases, please consult our technical department.



Technical data:

Peak temperature: - 40 to + 210°C
Constant temperature: +200°C
Peak pressure: vacuum up to 50 bar
Constant working pressure: 20 bar
Colour: beige

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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.