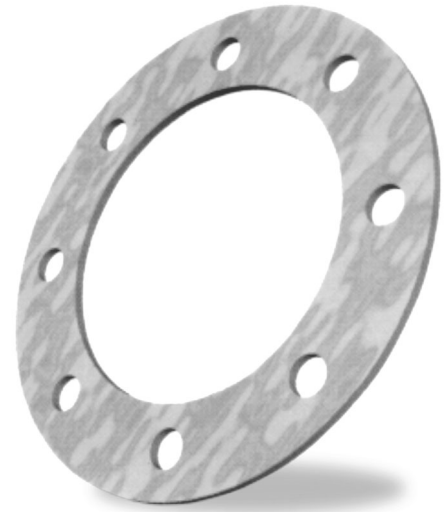




Manufacturers and distributors of sealing and jointing materials.

DATA / SPECIFICATION SHEET

NOVUS 21



Colour - Red

DESCRIPTION

Novus 21 is a medium quality compressed sheet material based on aramid fibre with a nitrile rubber binder system.

SERVICE

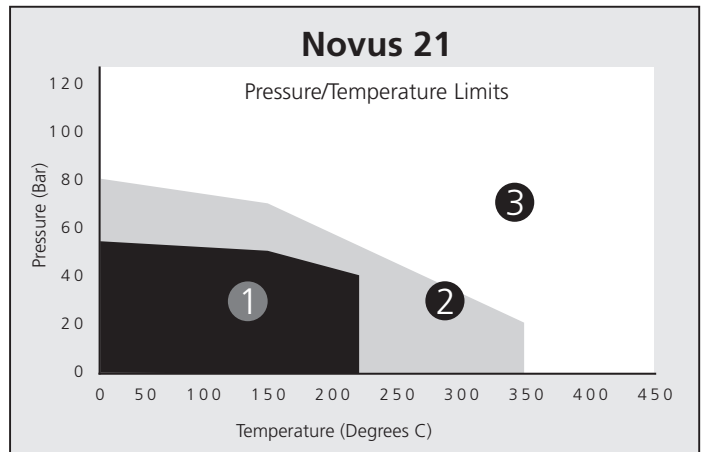
Novus 21 is a general purpose material suitable for use in a wide range of applications, including hot and cold water, oils, fuels, low pressure steam and a wide range of general chemicals.

AVAILABILITY

Thickness range = 0.4mm to 6.0mm
 Standard sheet sizes = 2.0m x 2.0m, 2.0m x 1.5m, 2.0m x 1.0m, 1.5m x 1.5m, 1.5m x 1.0m.
 Standard roll sizes = Up to a maximum size of 6.0m x 2.0m
 Available with a gauze mild steel wire reinforcement: Novus 21 GWI.
 It can also be supplied with anti-stick and graphite coating.

TYPICAL PHYSICAL PROPERTIES

Thickness		1.5mm
Density		2.0g/cc
Tensile Strength	ASTM F152	12MPa
Compression	ASTM F36	8%
Recovery	ASTM F36	50%min
Residual Stress	BS7531 (300°C)	20MPa
	DIN 52913	27MPa
Gas Leakage	BS 7531	<1.0cc/min
ASTM Oil 1	Thickness Increase	1.5%
IRM 903 Oil	Thickness Increase	3.0%
ASTM Fuel B	Thickness Increase	2.5%



- 1 Suitable subject to chemical compatibility
- 2 Suitable in some cases but check your application requirements with Novus
- 3 Contact the Novus Technical Team for applications with higher temperatures and pressures. Applicable to 1.5mm and below.

The operating temperature of non-asbestos sheet material is related to the thickness of materials selected. Thinner materials give better temperature and pressure properties.

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