

Flexitallic®

novus™
a Flexitallic brand

Data / Specification Sheet • Novus 27

Novus 27 is a compressed sheet material based on aramid fibre and recycled material, with a nitrile rubber binder system. It is classed as a medium quality, cost effective product.



Service

Novus 27 is a general purpose material suitable for use in many applications, including hot and cold water, low pressure steam, oils, fuels, gases and a wide range of general chemicals.

Availability

Thickness range:
0.4mm to 3.0mm

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 gauze mild steel wire reinforcement: Novus 27 GWI.

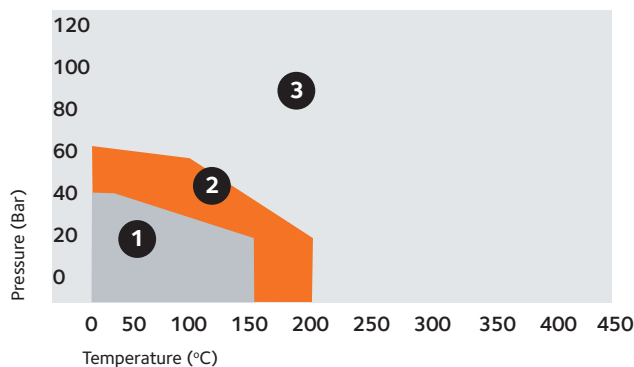
Colour

Green

Physical properties

Thickness		1.5mm
Density		1.95g/cc
Tensile Strength	ASTM F152	11MPa
Compression	ASTM F36	8%
Recovery	ASTM F36	50% min
Residual Stress	BS 7531 (300°C)	17MPa
	DIN 52913 (175°C)	23MPa
Gas Leakage	BS 7531	<1.0cc/min
ASTM Oil 1	Thickness increase	1.0%
IRM 903 Oil	Thickness increase	2.0%
ASTM Fuel B	Thickness increase	3.0%

Novus 27 Pressure/Temperature Limits



- ① Suitable subject to chemical compatibility.
- ② Suitable in some cases but check your application requirements with Flexitallic.
- ③ Contact the 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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