

Flexitallic®

novus™
a Flexitallic brand

Data / Specification Sheet • Novus 31

Novus 31 is a medium quality cost effective compressed non-asbestos sheet material, based on a blend of aramid and inorganic fibre with a high quality nitrile binder system.



Service

Novus 31 is a general purpose material suitable for use with oils, solvents, gases, hot and cold water, low pressure steam and many dilute acids and alkalis.

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

Approvals / Compliance

DNVGL – TAP00000X4

Availability

Thickness range:
0.4mm to 3.2mm

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:

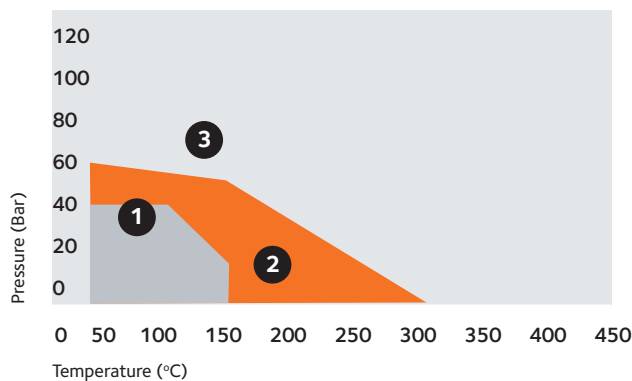
Up to a maximum size of 6.0m x 2.0m

It can also be supplied with anti-stick coating and graphite coating.

Physical properties

Thickness		1.5mm
Density		2.0g/cc
Tensile Strength	ASTM F152	8MPa
Compression	ASTM F36	>6%
Recovery	ASTM F36	>50% min
Residual Stress	BS 7531 (300°C)	15MPa
	DIN 52913	50MPa
Gas Leakage	BS 7531	<1.0cc/min
ASTM Oil 1	Thickness increase	1.0%
ASTM Oil 3	Thickness increase	4.0%
ASTM Fuel B	Thickness increase	4.0%

Novus 31 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.

As the company's products are used for a multiplicity of purposes and as the company has no control over the method of their applications or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and/or their fitness for any particular purpose. Any technical co-operation between the company and the customer is given for customers assistance only, and without liability on the part of the company.