



Data / Specification Sheet • Novus 26

Novus 26 is a premium quality compressed sheet material composed of aramid fibres with a SBR/Natural rubber binder system. It is specially formulated to exhibit controlled swell properties in oil combined with good resistance to water.

Service

Novus 26 is particularly suitable for the automotive industry, where controlled swell properties are required.

Availability

Thickness range:
0.5mm 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

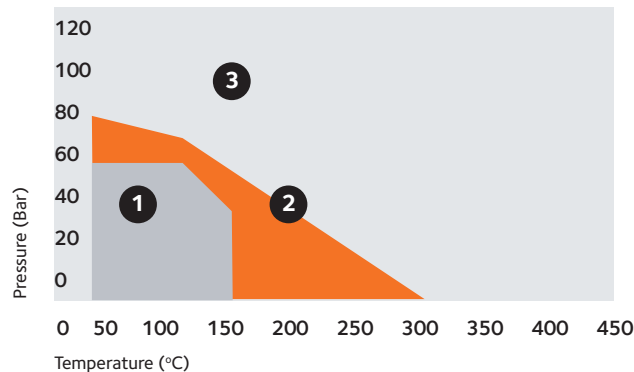
It can also be supplied with anti-stick coating.



Physical properties

Thickness		1.5mm
Density		1.96g/cc
Tensile Strength	ASTM F152	10.3MPa
Compression	ASTM F36	8%
Recovery	ASTM F36	>40%
Residual Stress	BS 7531 (300°C) DIN 52913	19MPa
Gas Leakage	BS 7531	<1.0cc/min
ASTM Oil 1	Thickness increase	0-20%
IRM 903 Oil	Thickness increase	20-70%
ASTM Fuel B	Thickness increase	10-40%

Novus 26 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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