

# Flexitallic®

**novus™**  
a Flexitallic brand

## 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

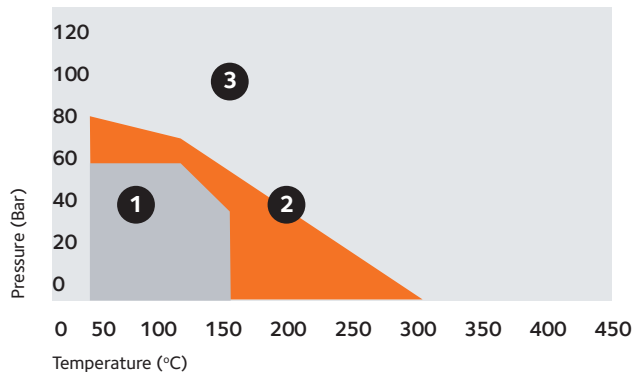
It can also be supplied with anti-stick coating.



### Physical properties

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