

## Data / Specification Sheet • Novus 29

**Novus 29** is a good quality compressed non-asbestos sheet material, based on aramid fibre with a high quality Neoprene binder system.



### Service

Novus 29 is designed for use in Freon type refrigerant service and high aniline-point oils, also in ammonia gas, fuels, mild acids, mild alkalis, water and silicone esters.

### 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

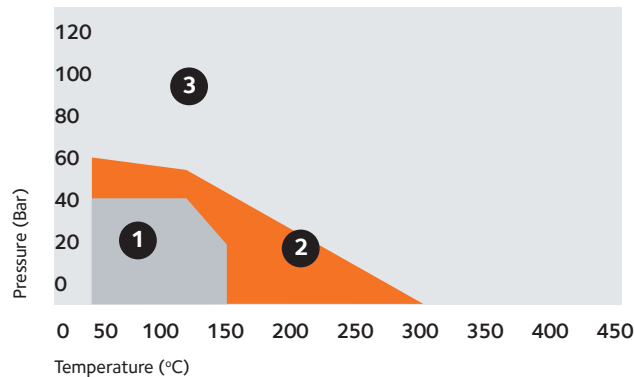
Standard roll sizes:

Up to a maximum size of 6.0m x 2.0m

### Physical properties

<b>Thickness</b>		1.5mm
<b>Density</b>		1.85g/cc
<b>Tensile Strength</b>	ASTM F152	10MPa
<b>Compression</b>	ASTM F36	7 to 17%
<b>Recovery</b>	ASTM F36	>50% min
<b>Residual Stress</b>	DIN 52913 50N/mm <sup>2</sup> 175°C	27MPa
<b>Gas Leakage</b>	BS 7531	<1.0cc/min
<b>ASTM Oil 1</b>	Thickness increase	0-10%
<b>IRM 903 Oil</b>	Thickness increase	0-10%
<b>ASTM Fuel B</b>	Thickness increase	0-10%

### Novus 29 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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