



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:

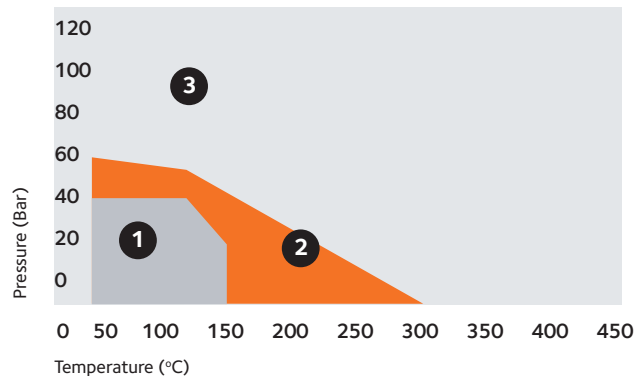
Up to a maximum size of 6.0m x 2.0m



Physical properties

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

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.