

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

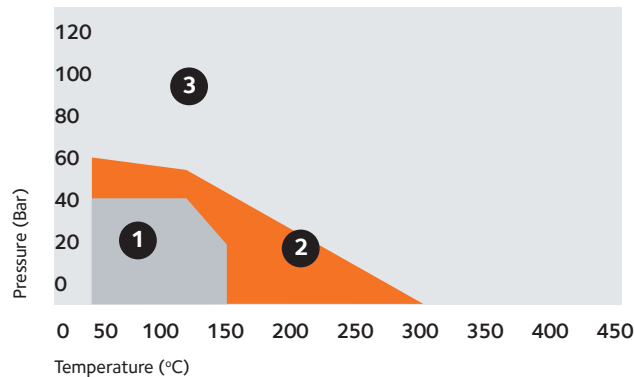
Standard roll sizes:

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.

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