

Data / Specification Sheet • Novus 30

Novus 30 is a good quality compressed sheet material based on a blend of aramid and inorganic fibres with a nitrile rubber binder system.



Service

Novus 30 is a general purpose material suitable for use in a wide range of applications, including hot and cold water, steam, oils, fuels, gases and a wide range of general chemicals.

Approvals / Compliance

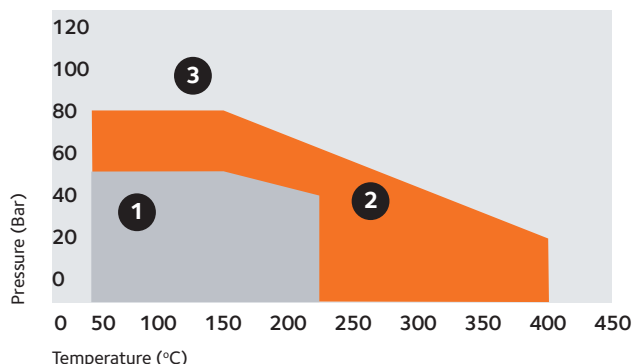
WRAS Potable Water:
Registration No. 0008505

Complies with BS Specification 7531
Grade Y

Physical properties

Thickness		1.5mm
Density		2.0g/cc
Tensile Strength	ASTM F152	12MPa
Compression	ASTM F36	9%
Recovery	ASTM F36	50% min
Residual Stress	BS 7531 (300°C) DIN 52913	23MPa 29MPa
Gas Leakage	BS 7531	<1.0cc/min
ASTM Oil 1	Thickness increase	2.0%
IRM 903 Oil	Thickness increase	5.0%
ASTM Fuel B	Thickness increase	4.0%

Novus 30 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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