



**Manufacturers and distributors of sealing  
and Jointing Materials**

## DATA / SPECIFICATION SHEET

# NOVUS 46



**Colour - White**

### DESCRIPTION

Novus 46 is a good quality compressed sheet material based on a blend of aramid and inorganic fibres with a EPDM rubber binder system.

### SERVICE

Novus 46 is a general purpose material suitable for use in wide range of applications, including hot and cold water, steam, oils, fuels, gases and a wide range of general chemicals.

### AVAILABILITY

Thickness range = 0.4mm 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

Available with fine mesh mild steel reinforcement:

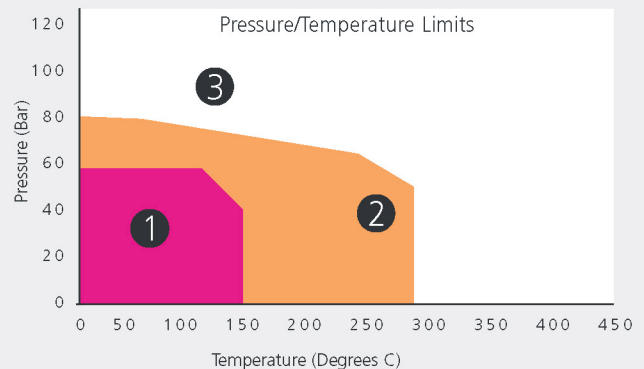
Novus 46 Metallic.

Can also be supplied with anti-stick coating and graphite coating.

### TYPICAL PHYSICAL PROPERTIES

Thickness		1.5mm
Density		1.85g/cc
Tensile Strength	ASTM F152	10MPa
Compression	ASTM F36	9%
Recovery	ASTM F36	50%min
Residual Stress	BS7531 (300°C) DIN 52913	20MPa 25MPa
Gas Leakage	BS 7531	<0.1cc/min
ASTM Oil 1	Thickness Increase	10%
IRM 903 Oil	Thickness Increase	15-30%
ASTM Fuel B	Thickness Increase	15%

### Novus 46



- 1 Suitable subject to chemical compatibility
- 2 Suitable in some cases but check your application requirements with Novus
- 3 Contact the Novus 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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