

DATA / SPECIFICATION SHEET



Colour - Blue

NOVUS 45

DESCRIPTION

Novus 45 is a medium quality cost effective compressed sheet material manufactured from virgin fibres and recycled material, with a nitrile rubber binder system.

SERVICE

Novus 45 is a general purpose material suitable for use with oils, solvents, gases, water, low pressure steam and most dilute acids and alkalis.

APPROVALS / COMPLIANCE

TA-LUFT (in accordance with VDI Guideline 2440)

AVAILABILITY

Thickness range = 0.4mm to 6.0mm

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

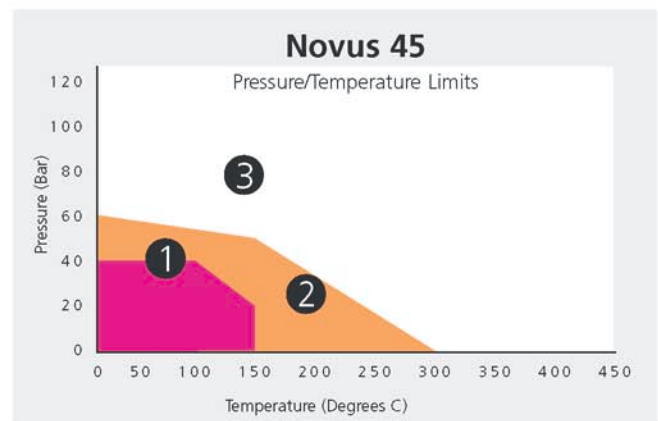
Available with gauze mild steel wire reinforcement:

Novus 45 GWI.

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

TYPICAL PHYSICAL PROPERTIES

Thickness		1.5mm
Density		1.9g/cc
Tensile Strength	ASTM F152	12MPa
Compression	ASTM F36	10%
Recovery	ASTM F36	50%min
Residual Stress	BS7531 (300°C)	18MPa
	DIN 52913	23MPa
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	6.0%



- 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.