

DATA / SPECIFICATION SHEET

# NOVUS 10

## DESCRIPTION

Novus 10 is a premium grade compressed sheet material based on carbon fibre with a high quality nitrile rubber binder system.

## SERVICE

A universal grade especially suitable for use under alkaline conditions with good steam resistance. It also possesses excellent creep resistance and is suitable for use with oils, fuels and refrigerants.

## APPROVALS / COMPLIANCE

BS Specification 7531 Grade X  
 API 607 Fire Safe  
 TA-LUFT (in accordance with VDI Guideline 2440)

## AVAILABILITY

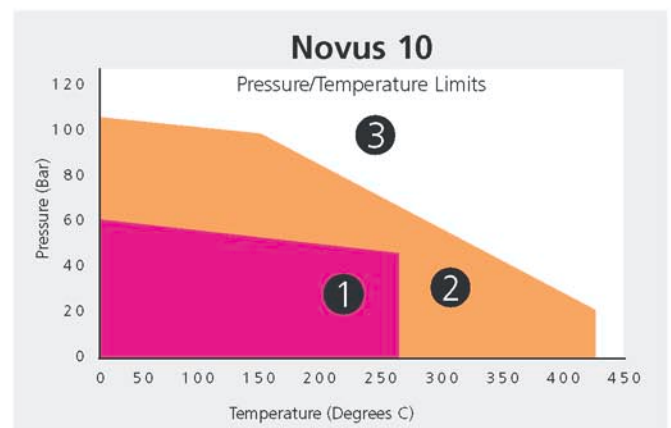
Thickness range = 0.4mm to 6.0mm  
 Standard sheet sizes = 2.0m x 2.0m, 2.0m x 1.5m, 2.0m x 1.0m, 1.5m x 1.5m, 1.5m x 1.0m.  
 Standard roll sizes = Up to a maximum size of 6.0m x 2.0m  
 Available with a fine mesh mild steel reinforcement: Novus 10 Metallic, it can also be supplied with anti-stick finish.  
 Supplied as standard with anti-stick coating. Can also be supplied with graphite coating.



Colour - Black

## TYPICAL PHYSICAL PROPERTIES

Thickness		1.5mm
Density		1.57g/cc
Tensile Strength	ASTM F152	13MPa
Compression	ASTM F36	11%
Recovery	ASTM F36	62%min
Residual Stress	BS7531 (300°C)	25MPa
Gas Leakage	BS7531	<1cc/min
ASTM Oil 1	Thickness Increase	1.0%
IRM 903 Oil	Thickness Increase	2.5%
ASTM Fuel B	Thickness Increase	2.5%



- 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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