



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) GL Approval 37702 – 12HH.

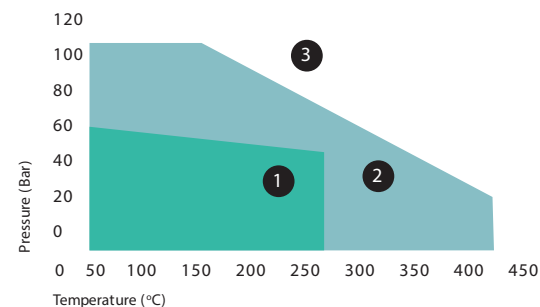
## Availability

Thickness range: 0.4 mm to 6.0 mm  
Standard sheet sizes: 2000 mm x 2000 mm, 2000 mm x 1500 mm, 2000 mm x 1000 mm, 1500 mm x 1500 mm, 1500 mm x 1000 mm  
Standard roll sizes: Up to a maximum size of 6000 mm x 2000 mm

## Typical physical properties

Thickness		1.5 mm
Density		1.57 g/cc
Tensile Strength	ASTM F152	13MPa
Compression	ASTM F36	11%
Recovery	ASTM F36	62% min
Residual Stress	BS 7531 (300° C)	25MPa
Gas Leakage	BS 7531	< 1 cc/min
ASTM Oil 1	Thickness increase	1.0%
IRM 903 Oil	Thickness increase	2.5%
ASTM Fuel B	Thickness increase	2.5%

## Novus 10 Pressure/Temperature Limits



- 1) Suitable subject to chemical compatibility.
- 2) Suitable in some cases but check your application requirements with Seaco.
- 3) Contact the Technical Team for applications with higher temperatures and pressures. Applicable to 1.5 mm 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.

## Warranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claims.