

Flexitallic®

n novus™
a Flexitallic brand

Data / Specification Sheet • Novus Uniflon 60

Novus Uniflon 60 is a superior performance biaxially orientated PTFE sheet sealing material with controlled porosity.

Service

Novus Uniflon 60 is specifically designed for use in low bolt loaded irregular flanges. Typical flanges include glass lined, ceramic, plastic coated or uneven and badly distorted flanges. It is suitable for sealing all chemicals across the pH range with exception of molten alkali metals and fluorine gas. (See the chemical resistance chart for information).

Approvals / Compliance

Conforms with FDA21 CFR 177.1550 regulations.

Availability

Thickness range:
0.75mm to 6.4mm

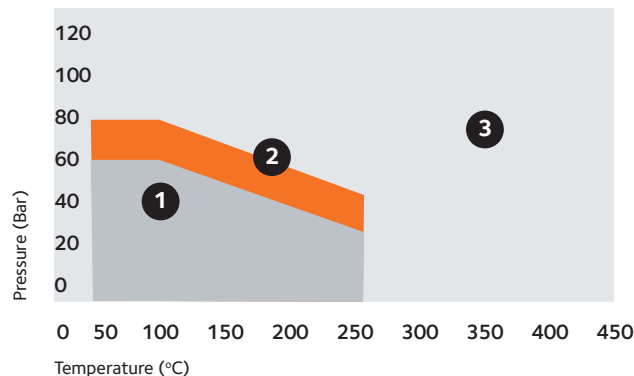
Sheet size:
1.5m x 1.5m



Physical properties

Thickness		1.5mm
Density		0.8g/cc
Tensile Strength	ASTM F152	6MPa
Compression	ASTM F36	65%
Recovery	ASTM F36	5% min
Residual Stress	DIN @ 175°C	34MPa
Gas Permeability	DIN 3535	0.01ml/min
Liquid Leakage	ASTM F37	2.0ml/hr

Novus Uniflon 60 Pressure/Temperature Limits



- ① Suitable subject to chemical compatibility.
- ② Suitable in some cases but check your application requirements with Flexitallic.
- 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.

As the company's products are used for a multiplicity of purposes and as the company has no control over the method of their applications or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and/or their fitness for any particular purpose. Any technical co-operation between the company and the customer is given for customers assistance only, and without liability on the part of the company.