



WILLIAM JOHNSTON & COMPANY LIMITED

Glasgow Tel: +44 (0) 141 620 1666 | Inverness Tel: +44 (0) 1463 238 673
sales@williamjohnston.co.uk | www.williamjohnston.co.uk



Data / Specification Sheet • Novus TI (Tanged)

Novus TI is a graphite laminate product reinforced with an insertion of tanged 0.10mm thick 316 stainless steel. No adhesive is required to bond the graphite layers to the tanged insert resulting in a sturdy gasket material with excellent mechanical strength.

Service

Novus TI is used throughout industry in pipeline and vessel applications. Its wide temperature range and excellent stress retention make it ideal for steam systems and process duties in the petrochemical and manufacturing industries.

Availability

Thickness range:
1.0mm to 3.0mm

Standard sheet size:
1.5m x 1.5m

Approvals

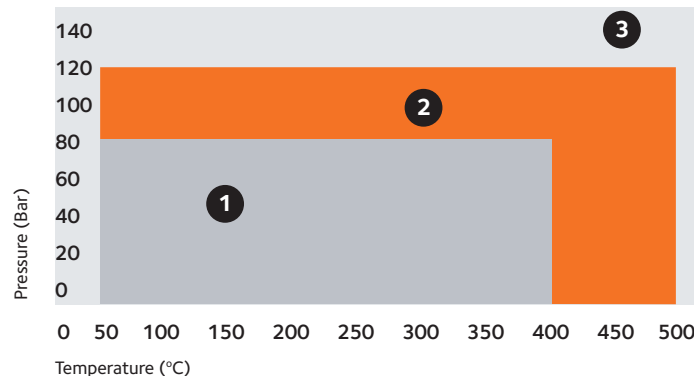
BAM Oxygen



Physical properties

| | |
|------------------|---------------------------|
| Thickness | 1.5mm |
| Density | 1.0g/cm ³ |
| No. of Inserts | 1 |
| Ash Content | Max 2% |
| Chloride Content | Max 50ppm |
| Compressibility | ASTM F36A 30-35% |
| Recovery | ASTM F36A 15-20% |
| Residual Stress | DIN 52913 (300°C) >48 MPa |
| ASME m Factor | 2.5 |
| y Value | 3000psi |

Novus TI Pressure/Temperature Limits



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