



Manufacturers and distributors of sealing and Jointing Materials



Colour - Black

DATA / SPECIFICATION SHEET

# NOVUS TI (Tanged)

## DESCRIPTION

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.

## APPROVALS / COMPLIANCE

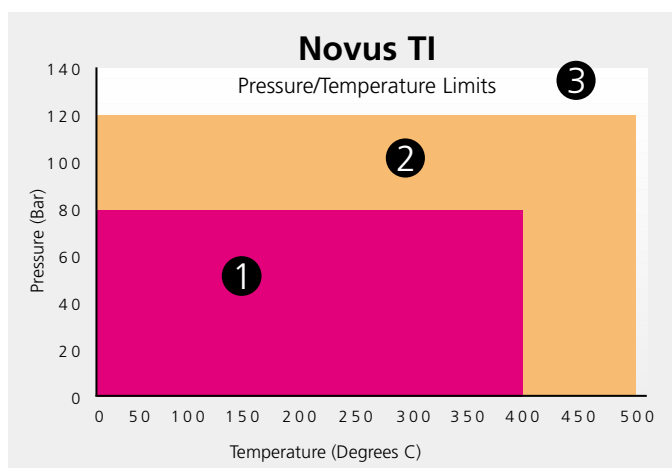
DVGW  
BAM for Oxygen

## AVAILABILITY

Thickness range = 1.0mm to 3.0mm  
Standard sheet size = 1.5m x 1.5m

## TYPICAL PHYSICAL PROPERTIES

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



- 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.

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.