



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 making it ideal for steam systems and process duties in the petrochemical and manufacturing industries.

## APPROVALS / COMPLIANCE

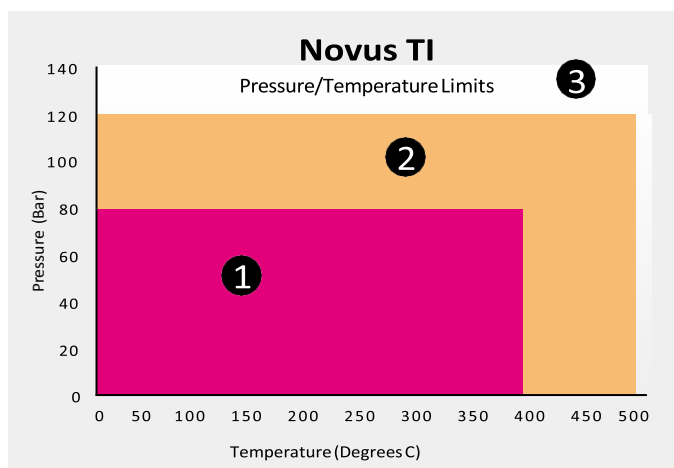
DVGW  
BAM for Oxygen

## 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 y Value		2.5 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.

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