

Technical Data Sheet

MATERIAL PROPERTIES*: 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.

COLOUR: Grey/Black

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.



PHYSICAL PROPERTIES:

Thickness		1.5mm
Density		1.0g/cm3
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

AVAILABILITY:

Thickness range: 1.0mm to 3.0mm

Standard sheet size: 1.5m x 1.5m

Notes: * This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.

Asbestos Free



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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