

Technical Data Sheet

MATERIAL PROPERTIES*: Novus Fi (Foil)

DESCRIPTION: Novus FI is a graphite laminate material with one or more thin, flat stainless steel 316 insertions. The thickness of the reinforcement is 0.05mm. The graphite sheet is fixed to the insertion by means of a super thin chloride-free adhesive layer. This reinforcement results in a sturdy gasket which is relatively easy to handle and simple to process into gaskets.



COLOUR: Grey/Black

SERVICE: Novus FI is used in a wide range of applications in the chemical and petrochemical and manufacturing industries, including pumps, compressors and pipe joints. It is commonly used as a back up sheet for Novus TI due to the ease of manual cutting.

PHYSICAL PROPERTIES:

Thickness		1.5mm
No. of Inserts		1
Density		1.0g/cm ³
Ash Content		Max 2%
Chloride Content		Max 50ppm
Compressibility	ASTM F36A	40-50%
Recovery	ASTM F36A	10-15%
Residual Stress	DIN 52913 (300°C)	Min 45 MPa
ASME	m Factor	2
	y Value	1500psi

AVAILABILITY:

Thickness range: 1.0mm to 3.0mm

Standard sheet size: 1.0m x 1.0m

Other thicknesses available on request.

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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