

Data Sheet

J303 Tang Reinforced Exfoliated Graphite Jointing Sheet

Data Sheet Type	Final
Material Reference	J303
Polymer	Graphite
Date Issued	31/03/25



Description

Stainless Steel 316 Tanged Exfoliated Graphite Sheet, constructed with an adhesive free lamination process, that gives excellent mechanical strength to this robust gasket material. This is suitable for Extremely High Temperature applications up to 500°C combined with High Internal Pressures up to 120 Bar.

Specifications	Values	Test Methods
Ash Content	2 % Maximum	None
Chlorine Content	50 ppm Maximum	None
Compression	35 % Maximum	ASTM F36
Density	1 g/cc	None
Recovery	15 % Minimum	ASTM D792
Residual Stress(DIN52913)	45 MPA Minimum	DIN 52913

Purposes



Acid Resistance



Chemical Resistant



High Working Temperature



Water Resistant

**Important Notes about this Material Data Sheet**

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.