

Data Sheet

J203 Filled PTFE with Barium Sulphate Jointing Sheet for use with Chemicals, Acids & Alkalis.

Data Sheet Type	Final
Material Reference	J203
Polymer	PTFE
Date Issued	09/05/24



Description

High Performance PTFE Sheet with Barium Sulphate Filler - J203 is a good general purpose grade for sealing applications over the whole PH Range. Suitable for Hydrofluoric Acid (although not Pure Liquid Hydrogen Fluoride).

Specifications	Values	Test Methods
Compression	5 %	ASTM F36
Creep Relaxation	21 %	ASTM F38
Density	3 g/cc	None
Gas Leakage	0.01 cc/min Maximum	BS7531
Liquid Leakage	0.22 ml/hr Maximum	ASTM F37
Recovery	40 % Minimum	ASTM D792
Residual Stress(DIN52913)	30 MPA @175°C	DIN 52913
Tensile Strength	14 MPA	ASTM F152

Purposes



Acid Resistance


Chemical
Resistant

Food Contact
Suitability

High Working
Temperature

Low Gas
Permeability


Oil Resistance



Ozone Resistance Petrol Resistance

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.