

Data Sheet

J401 Expanded ePTFE Gasket Jointing

Data Sheet Type Final

Material Reference J401

Polymer PTFE

Date Issued 30/08/25



Description

An advanced expanded PTFE (ePTFE) jointing material manufactured from 100% PTFE. Easy to handle cut and install with a low clamping force, suitable for a wide range of applications across many industries.

Specifications	Values	Test Methods
Colour	White	None
Compression	72.6 % Maximum	ASTM F36
Creep Relaxation	31 % Maximum	ASTM F38
Highest Recommended Working Temperature	310 °C	None
Lowest Recommended Working Temperature	-240 °C	None
PH Range	0-14 PH Range	None
Recovery	41 %	ASTM F36
Specific Gravity	0.6 g/cm 3	ASTM D2240
Tensile Strength	43(6300 PSI) MPA	ASTM D412

Purposes



Chemical Resistant



Food Contact Suitability



Low Working Temperature

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.