Data Sheet	J102 Aramid Jointing Material to BS7531 Grade X

Data Sheet Type	Final
Material Reference	J102
Polymer	Aramid
Date Issued	27/07/24

Description

A superior quality Grade X Jointing with excellent mechanical properties and a wide range of approvals including DIN-DVGW, WRAS, BAM & BS7531 Grade X

Specifications	Values	Test Methods
BAM Approved Pressure	160 bar Maximum	None
BAM Aproved Temperature	90 °C Maximum	None
BS7531 Grade	Grade X	BS7531
Compression	9 % Maximum	ASTM F36
Density	1.75 g/cc	None
Gas Leakage	1 cc/min Maximum	BS7531
Highest Recommended Working Temperature	400 °C	None
Recovery	55 % Minimum	ASTM D792
Residual Stress(BS7531 300°C)	26 MPA Maximum	BS7531
Residual Stress(DIN52913)	32 MPA Maximum	DIN 52913
Steam Operating Temp Range	250 °C Maximum	None
Thickness Increase (ASTM Fuel B)	3 % Maximum	None
Thickness Increase (ASTM Oil 1)	1 % Maximum	None
Thickness Increase (IRM Oil 903)	2.5 % Maximum	None

Purposes

Acid Resistance

Chemical Resistant

High Working Temperature

Oil Resistance

Ozone Resitance

Potable Water Suitability

Sea Water
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.