

Data Sheet

J103 Economy Aramid Fibre Jointing with a Nitrile Binder

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| Data Sheet Type | Final |
| Material Reference | J103 |
| Polymer | Aramid |
| Date Issued | 10/08/20 |



Description

A Low Cost Jointing material for Low-Tech applications including hot and cold water, low pressure steam, fuels, gases, oils and some chemicals. This material is WRAS Approved.

| Specifications | Values | Test Methods |
|-------------------------------|------------------|--------------|
| Compression | 8 % Maximum | ASTM F36 |
| Density | 1.95 g/cc | None |
| Gas Leakage | 1 cc/min Maximum | BS7531 |
| Oil Swell ASTM 1 | 1 % Maximum | None |
| Oil Swell IRM901 | 2 % Maximum | None |
| Oil Swell IRM903 | 3 % Maximum | None |
| Recovery | 50 % | ASTM F36 |
| Residual Stress(BS7531 300°C) | 17 MPA Maximum | BS7531 |
| Residual Stress(DIN52913) | 23 MPA Maximum | DIN 52913 |
| Tensile Strength | 11 MPA | ASTM F152 |

Purposes



Acid Resistance


 Chemical
 Resistant

 High Working
 Temperature


Oil Resistance


 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.