

Data Sheet

J601 Carbon Fibre Based Material to BS7531 Grade X

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| Data Sheet Type | Final |
| Material Reference | J601 |
| Polymer | Carbon Fibre |
| Date Issued | 15/06/24 |



Description

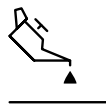
A premium quality Grade X Jointing based on Carbon Fibre with a high quality Nitrile Rubber Binder. This material has excellent mechanical properties and a wide range of approvals including TA-Luft, API 607 Fire Safe and BS7531 Grade X

| Specifications | Values | Test Methods |
|---|-----------|--------------|
| BS7531 Grade | X | BS7531 |
| Compression | 11 % | ASTM F36 |
| Density | 1.57 g/cc | None |
| Gas Leakage | 1 cc/min | BS7531 |
| Highest Recommended Working Temperature | 425 °C | None |
| Recovery | 62 % | ASTM D792 |
| Residual Stress(BS7531 300°C) | 25 MPA | BS7531 |
| Tensile Strength | 13 MPA | ASTM D412 |
| Thickness Increase (ASTM Fuel B) | 2.5 % | None |
| Thickness Increase (ASTM Oil 1) | 1 % | None |
| Thickness Increase (IRM Oil 903) | 2.5 % | None |

Purposes



Chemical Resistant



Oil 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.