

**Material Specification  
Sheet**e: sales@rhnuttall.co.uk  
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f: 0121 359 4439**RHN 20A**[www.rhnuttall.co.uk](http://www.rhnuttall.co.uk)**Oil Jointing****General Information**

Flexoid, also referred to as Statite, and Oil Jointing, is a plasticised gelatine impregnated material that is cellulose based. Gasket paper sheet, gasket paper gaskets and gasket paper washers are all readily available.

**Applications**

Traditionally used throughout the automotive trade to seal against fuel and oil, Flexoid is also a very economical material. Available in a variety of thicknesses, Flexoid does have certain limitations in that stored gaskets must be protected from wide changes of humidity and temperature to prevent dimensional change. Flexoid is not suitable for applications including alkalis, acids and steam. Furthermore, it should therefore not be used in replacement of a compressed non-asbestos parts as their functions are quite different. It has a maximum operating temperature of 120°C. It is also suitable with applications including anti-freeze.

| Property                       | Test Method                                                                                                 | Unit              | Result  |
|--------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------|---------|
| Moisture Content               | 15 min @ 100                                                                                                | %                 | 8 – 14  |
| Thickness                      | ASTM F104                                                                                                   | mm                | + 10%   |
| Compression                    | ASTM F36                                                                                                    | %                 | 25-40   |
| Recovery                       | ASTM F36                                                                                                    | %                 | 40 min  |
| Tensile Strength               | ASTM F152                                                                                                   | Mn/m <sup>2</sup> | 13.79   |
| IRM 903 Oil Weight Increase    | ASTM F146                                                                                                   | %                 | 15 max. |
| IRM 903 Oil Thickness Increase | ASTM F146                                                                                                   | %                 | 5 max.  |
| Fuel B Weight Increase         | ASTM F146                                                                                                   | %                 | 15 max. |
| Fuel B Thickness Increase      | ASTM F146                                                                                                   | %                 | 5 max.  |
| Water Weight Increase          | ASTM F146                                                                                                   | %                 | 90 max. |
| Water Thickness Increase       | ASTM F146                                                                                                   | %                 | 30 max. |
| Dimensions                     |                                                                                                             |                   |         |
| Roll Length                    | Nominal + 1% tolerance                                                                                      |                   |         |
| Roll Width                     | *For 0.15 - 0.80mm thickness: 1000-1050mm tolerance.<br>*For 1.00 – 6.40mm thickness: 1000 + 5mm tolerance. |                   |         |

\*\*The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied\*\*

