

# Flexitallic

**novus**<sup>TM</sup>  
a Flexitallic brand

**WILLIAM JOHNSTON**  
& COMPANY LIMITED

## Data / Specification Sheet • Novus 26

**Novus 26** is a premium quality compressed sheet material composed of aramid fibres with a SBR/Natural rubber binder system. It is specially formulated to exhibit controlled swell properties in oil combined with good resistance to water.

### Service

Novus 26 is particularly suitable for the automotive industry, where controlled swell properties are required.

### Availability

Thickness range:  
0.5mm to 3.0mm

Standard sheet sizes:

2.0m x 2.0m  
2.0m x 1.5m  
2.0m x 1.0m  
1.5m x 1.5m  
1.5m x 1.0m

Standard roll sizes:

Up to a maximum size of 6.0m x 2.0m

It can also be supplied with anti-stick coating.

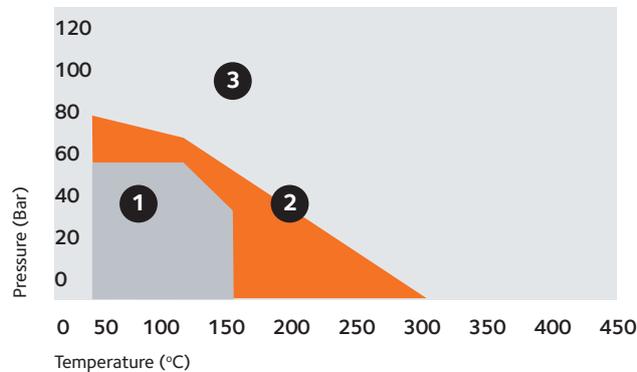


### Physical properties

|                         |                              |            |
|-------------------------|------------------------------|------------|
| <b>Thickness</b>        |                              | 1.5mm      |
| <b>Density</b>          |                              | 1.96g/cc   |
| <b>Tensile Strength</b> | ASTM F152                    | 10.3MPa    |
| <b>Compression</b>      | ASTM F36                     | 8%         |
| <b>Recovery</b>         | ASTM F36                     | >40%       |
| <b>Residual Stress</b>  | BS 7531 (300°C)<br>DIN 52913 | 19MPa      |
| <b>Gas Leakage</b>      | BS 7531                      | <1.0cc/min |
| <b>ASTM Oil 1</b>       | Thickness increase           | 0-20%      |
| <b>IRM 903 Oil</b>      | Thickness increase           | 20-70%     |
| <b>ASTM Fuel B</b>      | Thickness increase           | 10-40%     |

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### Novus 26 Pressure/Temperature Limits



- 1 Suitable subject to chemical compatibility.
- 2 Suitable in some cases but check your application requirements with Flexitallic.
- 3 Contact the Technical Team for applications with higher temperatures and pressures. Applicable to 1.5mm and below.

The operating temperature of non-asbestos sheet material is related to the thickness of materials selected. Thinner materials give better temperature and pressure properties.

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