

## Technical Data Sheet

**MATERIAL PROPERTIES\*:** Novus 34

**DESCRIPTION:** Novus 34 is a superior performance universal compressed sheet material based on a blend of aramid/ inorganic fibres and special additives, with high quality nitrile rubber binder system.

**COLOUR:** White

**SERVICE:** Novus 34, a superior performance material with excellent mechanical properties, it is suitable for many applications including oils, solvents, high pressure steam and gases including oxygen.



**TESTS & APPROVALS:** WRAS Potable Water: Registration No. 1510515, Complies with BS Specification 7531 Grade X, TA-LUFT (in accordance with VDI Guideline 2440), GL Approval 37702 - 12HH

**PHYSICAL PROPERTIES:**

|                  |                    |            |
|------------------|--------------------|------------|
| Thickness        |                    | 1.5mm      |
| Density          |                    | 1.75g/cc   |
| Tensile Strength | ASTM F152          | 9-11MPa    |
| Compression      | ASTM F36           | 9%         |
| Recovery         | ASTM F36           | 55% min    |
| Residual Stress  | BS 7531 (300°C)    | 26MPa      |
|                  | DIN 52913          | 32MPa      |
| Gas Leakage      | BS 7531            | <1.0cc/min |
| ASTM Oil 1       | Thickness increase | 1.0%       |
| IRM 903 Oil      | Thickness increase | 2.5%       |
| ASTM Fuel B      | Thickness increase | 3.0%       |

**AVAILABILITY:**

Thickness range: 0.25mm to 6.0mm  
 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

Available with fine mesh mild steel reinforcement: Novus 34 Metallic or gauze mild steel wire reinforcement: Novus 34 GWI. It can be supplied with anti-stick coating and graphite coating.

Notes: \* This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.

**Asbestos Free**



Certificate Number: 14352  
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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