



Manufacturers and distributors of sealing and Jointing Materials

DATA / SPECIFICATION SHEET



Colour - Off White

# NOVUS 48 ACID

## DESCRIPTION

Novus Acid is a specially formulated compressed sheet material based on a blend of fibres with an acid resistant binder system.

## SERVICE

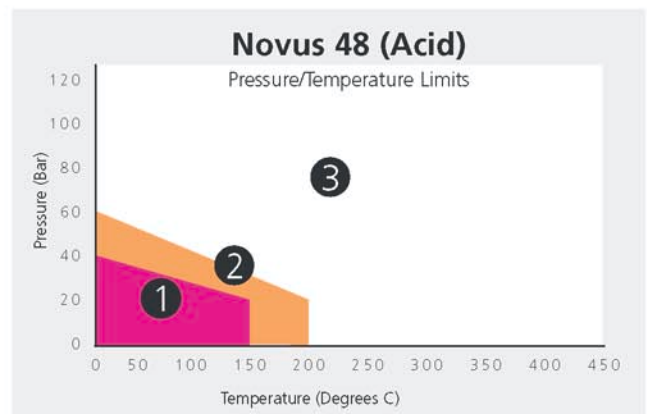
Novus Acid is designed to withstand aggressive chemical environments. A chemical grade material suitable for most acids, alkalis, oils, fuels and refrigerants.

## AVAILABILITY

Thickness range = 0.4mm 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

## TYPICAL PHYSICAL PROPERTIES

|                       |                    |            |
|-----------------------|--------------------|------------|
| Thickness             |                    | 1.5mm      |
| Density               |                    | 1.75g/cc   |
| Tensile Strength      | ASTM F152          | 11MPa      |
| Compression           | ASTM F36           | 10%        |
| Recovery              | ASTM F36           | 50%min     |
| Gas Leakage           | BS7531             | <1.0cc/min |
| 95% Sulphuric Acid    | Thickness Increase | 16.0%      |
| 36% Hydrochloric Acid | Thickness Increase | 15.0%      |
| 50% Nitric Acid       | Thickness Increase | 7.0%       |



- 1 Suitable subject to chemical compatibility
- 2 Suitable in some cases but check your application requirements with Novus
- 3 Contact the Novus 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.

As the company's products are used for a multiplicity of purposes and as the company has no control over the method of their applications or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and/or their fitness for any particular purpose. Any technical co-operation between the company and the customer is given for customers assistance only and without liability on the part of the company.