

PRODUCT DESCRIPTION

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

A superior performance material with excellent mechanical properties, it is suitable for many applications including oils, solvents, high-pressure steam, and gases including oxygen.

APPROVALS / COMPLIANCE

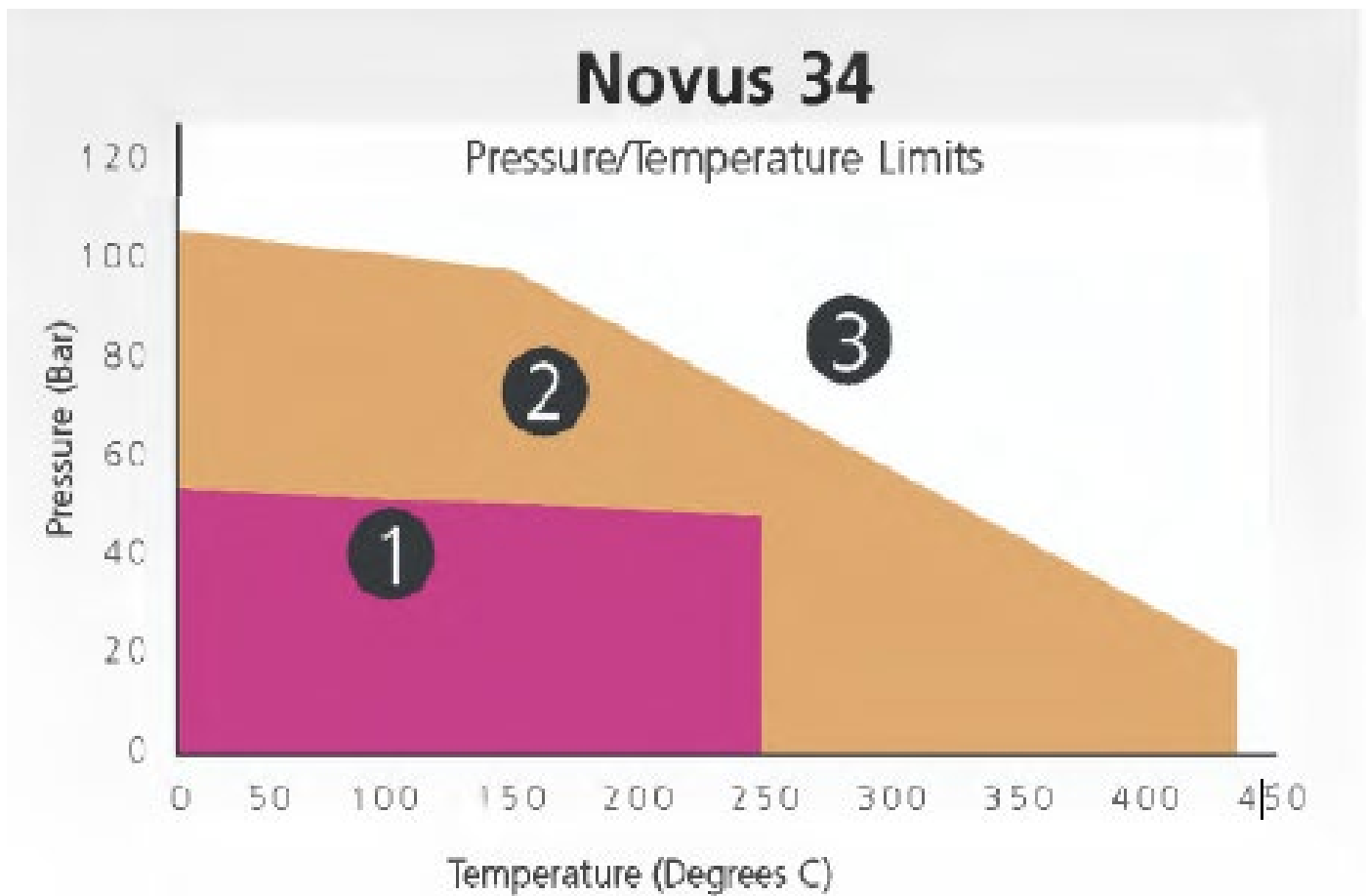
- DIN-DVGW (Gas Industry) NG-5123 AR0822
- WRAS Potable Water: Registration No. 0405520
- BAM (Oxygen service) up to 90°C and 160 bar
- Independently tested to Shell specification MF 94-0960
- Complies with BS Specification 7531 Grade X



AVAILABILITY	
Thickness range	0.25 - 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 mild steel reinforcement. Can also be supplied with anti-stick and graphite coating.

TYPICAL PHYSICAL PROPERTIES		
Thickness		1.5mm
Density		1.75g/cc
Tensile strength	ASTM F152	15MPa
Compression	ASTM F36	9%
Recovery	ASTM F36	55% min
Residual stress	BS7531 (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%



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.