

FLEXITALLIC NOVUS 34 GASKET



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.

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.

Approvals / Compliance

WRAS Potable Water: Registration No. 1406501, BAM (Oxygen service) up to 90 °C and 160 bar, Complies with BS Specification 7531 Grade X, TA-LUFT (in accordance with VDI Guideline 2440), GL Approval cert 37702 – 12HH API 6FB Fire –Safe

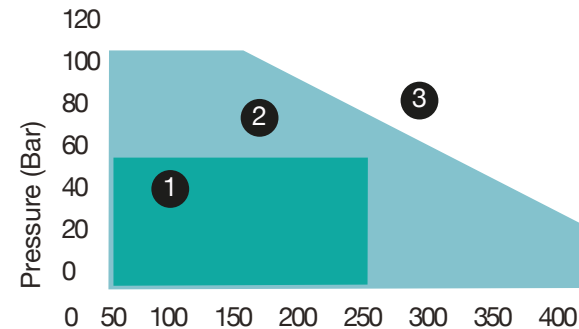
Availability

Thickness range: 0.25mm to 6.0mm
Standard sheet sizes: 2000mm x 2000mm, 2000mm x 1500mm, 2000mm x 1000mm, 1500mm x 1500mm, 1500mm x 1000mm
Standard roll sizes: Up to a maximum size of 6000 mm x 2000 mm

Typical 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	(300°C)	26MPa
DIN 52913	BS 7531	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%

Novus 34 Pressure/Temperature Limits



- 1) Suitable subject to chemical compatibility.
- 2) Suitable in some cases but check your application requirements with Seaco.
- 3) Contact the Technical Team for applications with higher temperature and pressure.
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.

Warranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claims.