

PRODUCT DATASHEET

NOVUS AUTO

Novus Auto is a non-asbestos composite gasket material reinforced with a tanged Steel core.



Service:

Novus Auto is recommended for combustion engine manufacturers in the automotive industry. The specially selected blend of gasket materials are bonded to a steel tanged insert that provides excellent sealing characteristics and high mechanical strength.

Maximum recommended service temperature:
450°C

Maximum recommended operating pressure:
15MPa

Note:

The maximum recommended pressure and temperature cannot necessarily be used simultaneously.

Materials:

Facing material: Blend of Aramid Fibres and Rubber Binder.

Reinforcement: DC 01 Carbon Steel - 0.25mm thick perforated plate.

Bond type: Mechanical

Availability:

Sheet sizes:

Thickness: 0.8mm & 1.0mm
Standard sheet size: 1.0m x 0.25m

Thickness: 1.5mm & 2.0mm
Standard sheet size: 1.0m x 0.5m

Thickness tolerance:
+0.10mm / -0.05mm

Colour: Grey

This Data Sheet refers to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same.

We reserve the right to change the details given on this Data Sheet as additional information is acquired. Customers requiring the latest version of this Data Sheet should contact our Applications Engineering Department.

The information given and, in particular, any parameters, should be used for guidance purposes only. The Company does not give any warranty that the product will be suitable for the use intended by the customer.

Health & Safety

For further Health and Safety information please see the relevant Material Safety Datasheets or contact Flexitallic UK Ltd.

Typical Physical Properties:

Parameter	Value	Test Method
Compressibility	14% +/-3%	ASTM F36J
Recovery	> 45%	ASTM F36J
Thickness Change in Oil	≤ 10%	ASTM F146
Thickness Change in Fluid B	≤ 8%	ASTM F146
Thickness Change in Coolant	≤ 15%	ASTM F146
Weight Loss	≤ 20%	DIN 52 911