SEALING YOUR FUTURE

Technical Data Sheet

Asbestos Free

MATERIAL PROPERTIES*: MICA-GR©

DESCRIPTION: Mica GR© is a material consisting of two outer layers of Mica on a pegged steel insert.

The Mica is an alumina silicate of mineral origin, and has a laminar and non-fibrous structure. This material gives Mica-GR© its thermal characteristics and chemical resistance to solvents, mineral oils and other substances.

COLOUR: Gold/Green

SERVICE: Generally for sealing in high temperature applications, as in automotive exhaust manifolds and joints, gas turbines, gas and oil burners, and heat exchangers. In some types of applications a protective eyelet is recommended for the media bore.

SPECIFICATIONS (1.3MM):

Compressibility ASTM F36J:	%	24
Recovery ASTM F36J:	%	>40
Density Prior to Lamination:	g/cm^3	1.9
Maximum Application temperature:	°C	1000

Fuel & Oil Resistance:

ASTM Fuel B-5 Hours @ 23°C		
Weight Increase:	%	7 - 14
Thickness Increase:	%	0
ASTM Oil #3 - 5 Hours @ 150°C		
Weight Increase:	%	13 - 18
Thickness Increase:	%	1 - 8%

AVAILABILTY: Sheeting: 1200mm x 1000mm

Thickness: 1.3mm, 2.0mm, 3.0mm

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.

ISOQAR REGISTERED UKAS MANAGEMENT SYSTEMS 0026

Certificate Number: 14352
ISO 9001

UK GASKET & SEALING ASSOCIATION

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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