

HYLOMAR GASKET 3400

Anaerobic curing flexible gasket/sealant compound

Description

Hylomar Gasket 3400 is a modified anaerobic curing, flexible sealant designed to become a Formed in Place (FIP) Gasket when cured. The cured compound has good temperature resistance and high resistance to fretting. The cure is initiated when the compound is in contact with metal ions and in anaerobic conditions.

The cure rate and final strength is dependent on the metals being joined and the temperature at which the component is used. The heat generated by a running engine will accelerate the cure.

Typical Properties Uncured Product

Composition	Methyl-Methacrylate
Colour	Yellow
Viscosity @ 25°C Brookfield Spindle 6 @ 2.5rpm	100,000cps
Specific Gravity @ 25°C	1.10 g/ml
Flash Point	>100°C
Shelf Life	1 Year @ 4° to 25°C

Cured Product

Handling Time	40 minutes
Functional Cure Time	4 – 6 hours
Full Cure Time	24 – 72 hours
Shear Strength Mild Steel/Mild Steel BS 5350 Part C5 Aluminium/Aluminium BS 5350 Part C5	1.5 N/mm²
Temperature Range	-40° to 150°C

Instructions for use

Hylomar Gasket 3400 should be applied to clean and dry surfaces, free of contamination such as oil or grease. The compound may be dispensed by hand from cartridge, concertina pack, or via a screen printing system. Once applied the joint should be assembled as soon as practical. Any excess compound can be easily wiped off external surfaces with a clean cloth soaked in Acetone or other suitable solvents.

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However the material is used in conditions beyond our control thus we can assume no liability for results obtained or damages incurred through the application of the data present herein.

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Typical Applications

Hylomar Gasket 3400 can be used as a gasketing compound between machined surfaces. It is ideal for sealing between mating faces on engines and transmission components where resistance to temperature and vibration are essential.

Handling and Safety Properties

Risk Phrases: R43 and R36/37/38.

Safety Phrases: S24/25, S26 and S37/39.

For further information please refer to the Safety Data Sheet.

Packaging

Hylomar Gasket 3400 is available in 300ml cartridges and in bulk quantities on request. Please contact our sales department for details.

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