

HYLOMAR ADVANCED FORMULATION HV

High viscosity version of Hylomar Advanced Formulation

Description

Hylomar Advanced Formulation (HV) is ideally suited for use as a gasket dressing. It will enhance the sealing capability of all types of gasket and assist with alignment during assembly. The compound has excellent rheological properties, combined with resistance to most automotive fluids and many other chemicals. Being a non-setting and non-hardening compound it also has excellent resistance to joint vibration, shock and differential thermal expansion.

Physical Properties

Colour	Blue
Specific Gravity (ASTM D4659)	1.17-1.21
Viscosity Spindle No 7 @ 2.5 rpm. 25°C(77°F) . (BS 5350: Part B9)	≥1,100,000 cps
Solubility in Water	None
Flash Point (ASTM D92)	212°C (413.6°F)
Auto Ignition (ASTM E659)	447°C (836.6°F)
Appearance	Non setting paste
Typical temperature range	-55°C to 250°C (-67°F to 482°F)
Typical Surface Finish	3.0 µm Ra
Area covered by 100 g	2.0 m ²
Shelf life	3 Years when stored in the original unopened containers between 5°C to 25°C (41°F to 77°F)

Instructions for use

Hylomar Advanced Formulation (HV) is a non-slump thixotropic gel and can be applied from a cartridge using hand pressure and a suitable applicator or by using automated dispensing equipment.

After applying to the joint surface, parts can be assembled immediately or may be left indefinitely before making the joint.

Typical Applications

Hylomar Advanced Formulation (HV) has been designed to seal close fitting flanges against most lubricants and automotive fluids. Although this material has many potential general engineering applications, it is currently being used for the sealing of components such as cylinder liners to engine block, cylinder head cam caps, electric motor end plate covers, fuel injector gland nuts.

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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Unlike Hylomar Universal Blue, Advanced Formulation will not have a film thickness between the flanges as it is a mobile product. It is designed to fill and seal all the surface imperfections in the flanges surfaces. Any resultant film thickness will depend entirely on the engineered texture of the flange mating surface.

Handling and Safety Properties

Hylomar Advanced Formulation (HV) is classed as a non-hazardous product.

Packaging

Hylomar Advanced Formulation (HV) is available in 300ml (10.14fl.oz) cartridges and 20kg (44.1lbs) pails. For further details please contact our sales department.

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