



HYLOMAR M

Non-setting gasket compound

Description:

Hylomar M (previously known as RACING FORMULA) is an acetone based version of HYLOMAR UNIVERSAL BLUE. The only noticeable difference between the Hylomar M and the original Hylomar Universal Blue is that the acetone version exhibits increased adhesive properties when compared to the standard Hylomar Universal Blue. Thus, making it an ideal product for high performance applications. Therefore, it is used by FORMULA ONE and NASCAR race teams.

Hylomar M temperature:

-50° F and up to +250° F.

Physical Properties

Chemical Basis	Polyester Urethane
Temperature range	-50°C - 250°C
LIGHT GRADE	
Film Thickness	0.015 mm
Surface Finish Max	2.0 µm
Area covered by 100g	2.25 m ²
Product coverage after drying	2mg/cm ²
MEDIUM GRADE	
Film Thickness	0.03 mm
Surface Finish Max	3.0 µm
Area covered by 100g	1.36 m ²
Product coverage after drying	4mg/cm ²
HEAVY GRADE	
Film Thickness	0.09 mm
Surface Finish Max	3.5 µm
Area covered by 100g	0.67 m ²
Product coverage after drying	12mg/cm ²

Instructions for use:

Hylomar Universal Blue should be applied to clean dry surfaces. Apply a thin film or bead to one or both surfaces. Once applied, sufficient time should be allowed for the solvent to evaporate. Unlimited assembly time allows precise alignment of joints to be made. Due to the nature of the compound, fasteners may be required to be re-tightened to the correct torque.

Hylomar Universal Blue can be removed from dismantling components by rubbing with a cloth soaked with Easy Clean Solvent, Hylomar Gasket Remover or Hylomar Rally and Grand Prix Wipes. No scraping is necessary.

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Typical Applications:

Hylomar M enables the effective sealing of metal to metal and plastic to plastic components. Typical applications include water and oil pumps, instrument inspection covers, cylinder heads and sumps, and it can also be used for the coating for pre-formed gaskets, weather proofing, motors and outdoor high voltage circuit breakers. Inlet manifolds, timing case covers, oil pump joints, gear box and transmission components or thread sealing it has also been successfully been used in the assembly of gas turbines, water cool generators and turbo vacuum systems. There is no staining of copper and silver, etc., from traces of volatiles at elevated temperature, and is therefore suitable for joints, and threads in close proximity to switch mechanisms, etc.

Light grade:

inlet manifolds, timing case covers, oil pump joints, gearbox and transmission components, thread sealing and any finely machined surface.

Medium grade:

water and oil pumps, instrument inspection covers, cylinder heads, sumps and most machined surfaces.

Heavy grade:

gas turbines, water cooled generators, turbo vacuum systems, gearboxes and most rough machined surfaces.

Packaging:

Hylomar M is available in 40ml and 80ml tubes, 1 litre tin and 300ml cartridges.

The shelf life of Hylomar M is 24 months when stored in unopened original containers between 5° and 25°C.

Certificates:

KTM (cold potable water) Certificate

The Hygiene-Institute des Ruthrgebiets of Gelsenkirchen, Germany certified after testing to KTW guidelines that Hylomar M is suitable for sealing potable cold water pipes, copy of certificate #K-1193629-10.SFst dated 23.08.2010 available on request.

* Information given in this publication is based upon technical data gained in 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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