

# HYLOMAR M

## Elastic Sealants



## TECHNICAL DATA SHEET

### Description

Hylomar M is a highly engineered, polyester-urethane based non-setting and non-hardening gasketing compound. The compound is resistant to a wide range of fluids including industrial fuels, oils, water and brine, air, turbine and piston engine combustion products, water, water/glycol and methanol mixtures, petroleum and synthetic diester lubricating oils, gasoline and kerosene fluids (Avtur and Avcat) and fluorocarbon refrigerants. Hylomar M can operate at temperatures between  $-50^{\circ}\text{C}$  and up to  $250^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$  and  $482^{\circ}\text{F}$ ). Hylomar M can be used to seal both joint surfaces and threaded parts.



### Technical Properties

Specific Gravity	1.035 (ASTM D4659)
Solvent Content	42%
Film Thickness	0.03 mm
Surface Finish Max	$3.0\text{ }\mu\text{m}$
Area covered by 80 mls	$1.36\text{ m}^2$
Product coverage after drying	$4\text{ mg/cm}^2$

### Uses

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, coating 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 and thread sealing. It has also been successfully used in the assembly of gas turbines, water cooled 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.

Hylomar M is harmless to joint materials. It is equally suitable for use as a gasket dressing and for metal to metal application.

**Art. Nr. :** W 200 073  
**Content:** 80 ml

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## Information about application

The joint faces should be clean and dry. Both faces should then be coated with a thin even film of the product, and the solvent allowed to evaporate. The components can then be assembled. Since Hylomar M is non-setting, once applied to the faces of the component, immediate assembly is not required. Due to the nature of Hylomar M, re-torquing of assembled components may be required. For stud loading, torque to required figure, allow compound to settle for a few minutes, then re-torque.

Hylomar M can be removed from dismantled components using rubbed with a cloth soaked in acetone.

## Storage & Durability

Store in a cool, dry place between 5°C and 25°C (41°F and 77°F) with adequate ventilation. The shelf life is 2 years when stored in the original unopened containers as detailed above.

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