

## HYLOMAR AEROGRADE (PL32)

### Description 描述

Hylomar Aero Grade is a highly engineered, polyester-urethane based non-setting and non-hardening gasketing compound, for use in the aeronautical industry. Hylomar Aero Grade was developed in conjunction with Rolls Royce - Aerospace Division for sealing joints in jet turbine engines. Hylomar Aero Grade can operate at temperatures from approximately  $-50^{\circ}\text{C}$  to  $+250^{\circ}\text{C}$ .

Hylomar Aero Grade 是位航空工业特别设计的、以聚酯为基础的不凝固和硬化的垫片化合物。

Hylomar Aero Grade 为密封喷气涡轮发动机，与 Rolls Royce 航空部门联合开发。Hylomar Aero Grade 的操作温度为  $-50^{\circ}\text{C}$  to  $+250^{\circ}\text{C}$ 。

### Typical Properties 特性

LIGHT GRADE	
Film Thickness	0.015 mm
Surface Finish Max	2.0 $\mu\text{m}$
Area covered by 100 g	1.875 $\text{m}^2$
Product coverage after drying	2 $\text{mg}/\text{cm}^2$
MEDIUM GRADE	
Film Thickness	0.03 mm
Surface Finish Max	3.0 $\mu\text{m}$
Area covered by 100 g	1.275 $\text{m}^2$
Product coverage after drying	4 $\text{mg}/\text{cm}^2$
HEAVY GRADE	
Film Thickness	0.09 mm
Surface Finish Max	3.5 $\mu\text{m}$
Area covered by 100 g	0.56 $\text{m}^2$
Product coverage after drying	12 $\text{mg}/\text{cm}^2$

### Instructions for use 使用指南

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 are then assembled. Since Hylomar Aero Grade is non-setting, once applied to the faces of the component, immediate assembly is not required. Due to the nature of Hylomar Aero Grade, re-torquing of assembled components may be required.

结合面必须清洁和干燥。两个端面必须薄薄地涂布产品并使溶剂挥发，然后装配零件。因为 Hylomar Aero Grade 不会凝固，所以不需要立即装配。根据 Hylomar Aero Grade 的特性，装配的扭矩是需要的。

For stud loading, torque to required figure, allow compound to settle for a few minutes, then re-torque. 为装配螺栓，扭矩按照需求的参数，在化合物涂布数分钟后，然后拧紧。

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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Hylomar Aero Grade can be removed from dismantled components by rubbing with cloth soaked with Easy Clean Solvent or alternatively Hylomar Gasket Remover. No scraping is necessary.  
 Hylomar Aero Grade 在拆卸后的零件上可以很容易地用 Easy Clean Solvent 或 Hylomar Gasket Remover 去除，不需要刮除。

### Typical Applications 典型运用

Hylomar Aero Grade is resistant to air; turbine and piston engine combustion products; water; glycol/water and methanol/water mixtures; petroleum and synthetic diester lubricating oils; gasolines and kerosene fluids (both Avtur and Avcat) and fluorocarbon refrigerants.

Hylomar Aero Grade 抵抗空气、涡轮和活塞发动机的燃烧产物；水、水乙二醇和和甲醇的混和物；双酯类合成润滑油；汽油和煤油（煤油和航空重煤油）与做为制冷剂的碳氟化合物。

It is harmless to joint face materials. Traces of volatiles produced at elevated temperatures do not stain copper or silver, therefore, Hylomar Aero Grade is suitable for joints and threads in close proximity to switch mechanisms etc. It is equally suitable for use as a gasket dressing and for metal to metal application.

这是无毒的用于结合面的产品。在严苛的温度下，挥发物的痕迹不会污染铜或银，Hylomar Aero Grade 适合于开关和机械装置的结合面密封和螺纹锁固。它也适用于金属面和金属面结合的垫片敷料。

Hylomar Aero Grade has been tested, approved and is in use by, National Power/ Powergen. 15/53/181. NCB Vocab No 13.82.0414.0303.16423. British Rail catalogue No 9/2/31138 & 31140. MOD A.F.S. 147 D.T.D. 900/4586B. Hylomar Aero Grade also meets the BASEEFA requirements for flame proof joints.

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### Handling and Safety Properties 操作与安全

The compound is non-flammable. 不易燃

Product contains Dichloromethane. 含二氯甲

Labelling = = Harmful cat 3. Phrases R40, S2, S24/25 & S36/37. 指示= = Harmful cat 3. Phrases R40, S2, S24/25 & S36/37

Shelf life of Hylomar Aero grade is 24 months minimum. 储存期：24 个月

### Packaging 包装

Please contact our sales department for details. 请联系我们的销售部门，询问详细信息。

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