

HYLOMAR AEROGRADE ULTRA

Chlorinated solvent free version of Hylomar Aerograde

Description

Hylomar Aerograde Ultra is a highly engineered, polyester-urethane based non-setting and non-hardening gasketing compound, for use in the aeronautical industry. Hylomar Aerograde Ultra was developed in response to requests from Rolls Royce - Aerospace Division for a chlorinated solvent free version of Hylomar Aerograde. Aerograde Ultra can operate at temperatures between -50°C and up to $+350^{\circ}\text{C}$.

The product carries the same Rolls Royce MSRR 9055 approval as the old Aerograde product and OMAT numbers 4/46A (light version) and 4/47A (standard version).

Typical Properties

AEROGRADE ULTRA (standard version)	
Film Thickness	0.03 mm
Surface Finish Max	3.0 μm
Area covered by 75 mls	1.275 m^2
Product coverage after drying	4 mg/cm^2

Instructions for use

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 Aerograde Ultra is non-setting, once applied to the faces of the component, immediate assembly is not required. Due to the nature of Hylomar Aerograde Ultra, 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 Aerograde Ultra can be removed from dismantled components by rubbing with a cloth soaked with Easy Clean Solvent or Hylomar Gasket Remover. Alternatively, Hylomar Grand Prix wipes can be used. No scraping is necessary.

Typical Applications

Hylomar Aerograde Ultra 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.

It is harmless to joint face materials. Traces of volatiles produced at elevated temperatures do not stain copper or silver, therefore, Hylomar Aerograde Ultra is suitable for joints and threads in close

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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proximity to switch mechanisms etc. It is equally suitable for use as a gasket dressing and for metal to metal application.

Handling and Safety Properties

The compound is Highly-flammable

Product contains Acetone

Labelling = Highly Flammable. Irritant

Risk phrases, R11, R36, R66, & R67.

Safety phrases, S2, S9, S16, S26.

Once the Acetone has evaporated, Hylomar Aerograde Ultra may be regarded as non-flammable.

Packaging

Hylomar Aerograde Ultra is available in 75ml tubes.

For further details please contact our Sales Department. For details of the standard non-flammable grade of Hylomar Aerograde please contact our Technical Services Department.

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