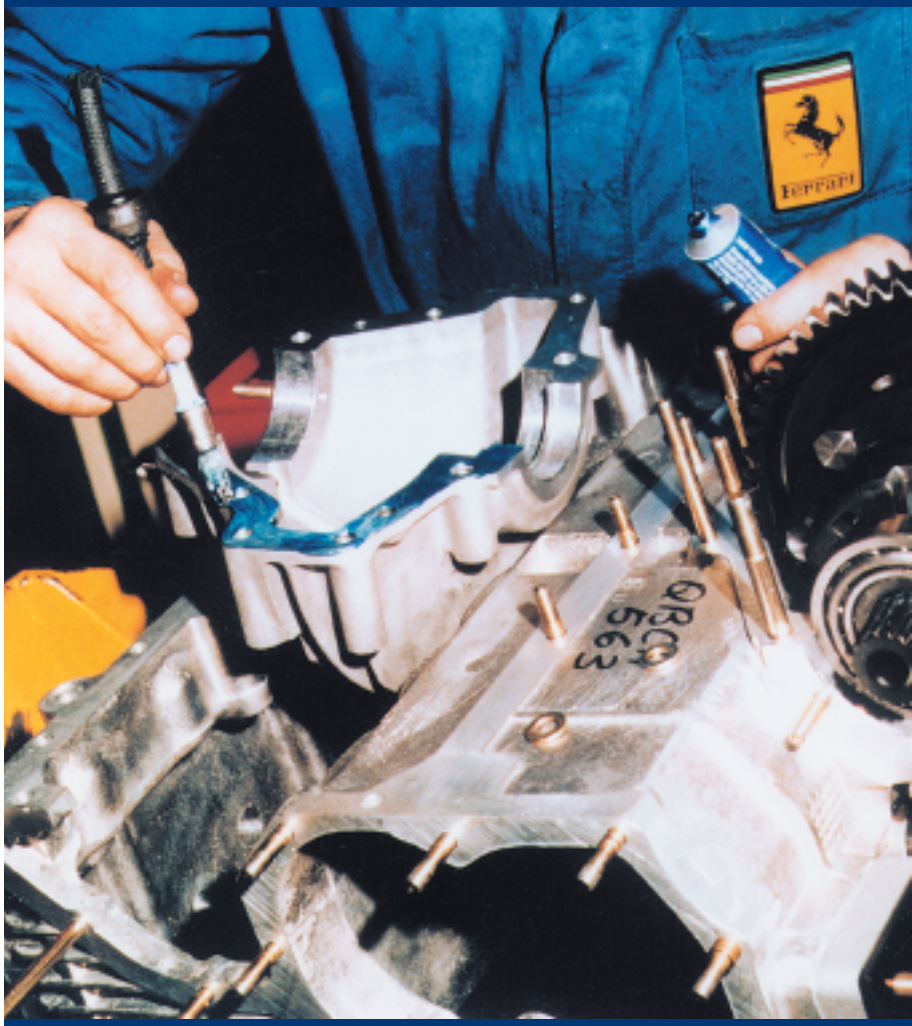
UNIVERSAL BLUE

Non-Setting Gasket and Sealing Compound



Features

- Non-hardening and non-setting
- Unlimited assembly time
- Vibration resistant
- Allows metal to metal contact
- Resistant to combustion products, water, engine coolant, petroleum, lubricating oils, kerosene and some fluorocarbon refrigerants
- Seals surface imperfections
- Withstands rapid variations in temperature
- Flame, dust and moisture proofing properties

HYLOMAR UNIVERSAL BLUE
Hylomar Universal Blue is adopted world-wide in sealing petrol and diesel engines and automotive transmissions.

Typical applications: Water and oil pumps, instrument inspection covers, cylinder heads and cast oil pans. Coating pre-formed gaskets, weatherproofing motors and outdoor high voltage circuit breakers. Inlet manifolds, timing case covers, oil pump joints, gearbox and transmission components. Thread sealing, gas turbines, water-cooled generators, turbo vacuum systems and any machined flange.

RACING FORMULA
Hylomar Racing Formula is a chlorinated solvent free version of Universal Blue and is non-setting and non-hardening, even at high temperatures, and can be used to seal machined joint faces and threaded parts. Due to the changes in its formulation and the manufacturing sequence Hylomar Universal Blue Racing Formula exhibits significantly increased adhesive properties when compared to standard Universal Blue making the product ideal for high performance applications.

HYLOMAR ADVANCED FORMULATION
Solvent free version of HYLOMAR Universal Blue. Ideal for applications where environmental controls affect production. For applications see Universal Blue with the addition of exhaust manifold sealing due to the solvent free formulation.

HYLOMAR AEROGRADE (PL32M)
Highly engineered non-setting and non-hardening sealant compound specifically developed for use in the aerospace industry. Defence specification DTD 900/4586. HYLOMAR Aerograde carries Rolls Royce approvals MSRR9055 and OMAT numbers 4/46 (light) and 4/47 (medium).

HYLOMAR AEROGRADE ULTRA (PL32A)
Chlorinated solvent free version of Hylomar Aerograde. The product can be used as a direct replacement for Hylomar Aerograde and carries the same Rolls Royce approvals as Hylomar Aerograde, MSRR 9055 and OMAT numbers 4/46A (light) and 4/47A (medium).

All Hylomar Blue products are resistant to a wide range of fluids including most industrial fuels, oils, 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 & Avcat) as well as some fluorocarbon refrigerants.

ADVANCED FORMULATION

AEROGRADE

ANAEROBIC ADHESIVES

CABLE GLAND PUTTY

CLEANING FLUID

CONTACT ADHESIVE

CYANOACRYLATE ADHESIVE

EPOXY PUTTY

EPOXY RESIN

EXHAUST BANDAGE

EXHAUST PUTTY

PRE-APPLIED CHEMICAL WASHERS

PRE-APPLIED THREAD SEALANTS

PRIMER/ADHESION ENHANCER

POLYURETHANE SEALANT

SILICONE SEALANT

UNIVERSAL BLUE

ANCILLARY PRODUCTS

Cleaning fluid
Cleans and degreases component surface prior to sealant application and removes excess sealant.

Gasket remover
Removes old HYLOMAR Universal Blue, Aerograde and cured anaerobic sealants. The abrasive action of the product also assists the removal of carbon deposits.

Rally & Grand Prix Wipes
Solvent free high performance cleaning wipes. Rally Wipes can remove fresh Universal Blue products, adhesives, wax, bitumen, oil, grease, silicones, brake dust and ink. Grand Prix Wipes remove old Universal Blue products and paint.

Hylomar Easy Clean Solvent
Cleans and degreases component surface prior to sealant application and is available in aerosol cans.

HYLOMAR Universal blue is the leading non-setting gasket and sealing compound in use world-wide. The product is used by many of the world's major automotive manufacturers and by several Formula 1 teams.

TECHNICAL DATA

	Pack Sizes	Thickness of residue (mm)	Surface finish (Ra)	Temperature range (°C)
Universal Blue	40g	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)
	100g	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)
	250ml Tin	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)
	350g Cartridge	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)
	400ml Aerosol	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)
Racing Formula	75ml Tube	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)
Advanced Formulation	85g Tube	0.02	2.0µ (max)	–50 to 250 (-58 to 482°F)
	250ml Tin	0.02	2.0µ (max)	–50 to 250 (-58 to 482°F)
	350g Cartridge	0.02	2.0µ (max)	–50 to 250 (-58 to 482°F)
Aerograde	100g Tube	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)
Aerograde Ultra	75ml Tube	0.03	3.0µ (max)	–50 to 250 (-58 to 482°F)

The information given in the above table is meant as a guide only. Whilst to the best of our knowledge and belief it is true and correct HYLOMAR Ltd makes no warranty expressed or implied as to the accuracy of the figures.

Hylomar Limited, Cale Lane, Wigan WN2 1JT, ENGLAND
Telephone: +44 (0) 1942 617000 Fax: +44 (0) 1942 617001
Email: info@hylomar.co.uk www.hylomar.co.uk