



HYLOMAR[®]

SEALANTS + ADHESIVES
of choice

HYLOMAR®

Hylomar Limited manufacture a wide range of high performance sealants and adhesives used by some of the leading OEM's in the world of automotive, aerospace, white goods, power generation/distribution, electronics/ photonics and general engineering.

Hylomar products are also widely used and respected in the automotive, aerospace and industrial aftermarkets with Hylomar Universal Blue and Hylomar M probably being the leading non-setting gasket & jointing compounds in the world. Hylomar Aerograde, Aerograde Ultra and Advanced Formulation are specified by various aero-engine manufacturers; including Rolls-Royce and Pratt & Whitney. Hylomar Aerograde is also specified by NATO.

Hylomar RTV silicone sealants are used to seal engines, gearboxes and transmissions for leading vehicle manufacturers around the globe with our amine curing products being particularly favoured.

In addition, unlike many sealant and adhesive companies, Hylomar Limited are manufacturers and product formulators. Therefore, if commercially viable, we can develop products to specific customer requirements.

Areas of use:

	Automotive Industry
	Rail Industry
	HGV Industry
	Agricultural Industry
	Marine Industry
	Aerospace and Defence Industries
	Camping and Leisure Industry
	Cycles and Motorcycles
	Electronics and Photonics
	Domestic Appliances
	Electricity Industry

RTV SILICONE SEALANTS



Amine, acetoxy and oxime curing engineering grade RTV silicone sealants.

Hylosil® 100 Series Amine Curing (OEM proven)

Hylosil® 300 Series Acetoxy Curing (OEM proven)

Hylosil® 600 Series Oxime Curing (OEM proven)

Hylosil® 923 Two Component Silicone

- Wide operating temperature range -50 to +250°C
- High temperature version available with maximum operating temperature of 350°C (depends on application)
- Permanently flexible
- Water and weather resistant
- Resistant to automotive fluids (not fuel)
- Engineering grade (no fillers or solvent added to reduce cost &/or performance)

Pack sizes - 85g tube, 300ml cartridge, 17 litre kegs

Hylosil® Instant Gasket

- Clear engineering grade RTV silicone sealant
- Replaces traditional gaskets
- Operating temperature range -50 to +250°C
- Permanently flexible
- Resists most common automotive fluids (not fuel)

Pack size - 40ml tube on blister card or in carton



THREAD SEALERS, LOCKERS AND RETAINERS



Resistant to water, gases, oils, hydrocarbons and many other chemicals

HYLO®GRIP high performance anaerobic adhesives and gasket compounds are specifically formulated to give optimum performance in even the most demanding applications. When fully cured all of the products in the **HYLO®GRIP** range are highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals.

THREAD LOCKING

HYLO®GRIP HY2143 is a fast curing, single part anaerobic thread-locker. It is a medium strength, medium viscosity adhesive suitable for bonding and sealing all threaded metal assemblies.

HYLO®GRIP HY2170 is a fast curing, single part anaerobic thread-locker. It is a very high strength, low viscosity adhesive suitable for bonding all threaded metal assemblies. The low viscosity allows the product to penetrate close fitting assemblies.

Pack sizes - 10ml, 50ml, 250ml

THREAD SEALING

HYLO®GRIP HY5172 thread sealant was specifically formulated and developed for the sealing and locking of threaded joints and other sealing applications. **HYLO®GRIP HY5172** contains PTFE and can considerably ease torque-up of threaded joints.

HYLO®GRIP HY5177 medium strength pipe sealant for metal threads. It is a medium strength, high viscosity adhesive suitable for bonding all threaded metal assemblies. It is particularly useful for the fast sealing of threaded joints in pipe-work.

Pack sizes - 50ml, 250ml

RETAINING

HYLO®GRIP HY6138 fast curing single part, anaerobic, retaining adhesive for cylindrical parts and is high strength, and medium viscosity.

HYLO®GRIP HY6148 fast curing single part, anaerobic, retaining adhesive for cylindrical parts and is high strength, and low viscosity.

Pack sizes - 50ml, 250ml



GASKETING

HYLO®GRIP HY5173 form in place (FIP) single component anaerobic curing flexible sealant, which cures in the joint to form a flexible plastic seal. The product is designed to replace traditional solid gaskets. The thixotropic properties of **HYLO®GRIP HY5173** prevent migration of the sealant before or during curing. Once cured the product is resistant to shock and vibration and has an operating temperature range of -50°C to 150°C .

Pack sizes - 50ml, 250ml

Flexible anaerobic curing gasket compounds for machined metal to metal joints

Hylomar Gasket 2000

OEM proven gasket compound
Pack sizes - 50ml and 250g

HYLO®GRIP HY5174 form in place (FIP) single component anaerobic curing flexible sealant, which cures in the joint to form a flexible plastic seal. The product is designed to replace traditional solid gaskets. The thixotropic properties of **HYLO®GRIP HY5174** prevent migration of the sealant before or during curing. Once cured the product is resistant to shock and vibration and has an operating temperature range of -50°C to 150°C .

Pack sizes - 50ml, 250ml

Hylomar Gasket 3400

OEM proven gasket compound
Pack sizes - 300ml cartridges

NON SETTING COMPOUNDS



Hylomar® Universal Blue

The leading non-setting gasket & jointing compound available today. The product can be used to replace a traditional gasket or to “dress” it to significantly improve the performance of the gasket.

- Non-hardening
- Wide operating temperature range (-50 to +250°C)
- Fuel resistant

Pack size - 40g tube (blister card), 40g tube (carton), 100g tube (carton), 350g (cartridge)

Hylomar® M/L/H

The original and genuine non-setting gasket and jointing compound specified by OEM's around the world.

- Manufactured under licence from Rolls-Royce
- Dichloromethane free
- Wide operating temperature range (-50 to +250°C)
- Fuel resistant

Pack sizes - 40ml tube (blister card), 80ml tube (carton), 200ml aerosol, 200ml Autopress, 250ml brush-top tin, 300ml cartridge & 1 litre tin.

Hylomar® Cleaner

Removes used Hylomar gasket & jointing compound from disassembled joints.

Pack size - 400ml aerosol

Resistant to gases, oils, hydrocarbons, water and many other chemicals

Hylomar® Advanced Formulation & AFHV

Fills imperfections on mating surfaces thus forming a seal.

- Wide operating temperature range (-50 to +250°C)
- No gap filling – metal to metal contact
- Resistant to oil, fuel and many other chemicals
- Solvent Free

Pack sizes - 85g tube, 250ml tin, 300ml cartridge



Hylomar® Aerograde & Hylomar® Aerograde Ultra

Hylomar® Aerograde PL32

The original non-setting gasket & jointing compound approved by Rolls-Royce and NATO.

Pack size - 100g tube

Hylomar® Aerograde Ultra PL32A

Non-chlorinated solvent version of Aerograde carrying Rolls-Royce approval.

- Can be used as a direct replacement for Aerograde PL32.

Pack size - 75ml tube



SEMI-HARDENING COMPOUNDS



Hylotyte® Red100

Semi-hardening gasket & jointing compound offering improved gap filling capabilities and resistance to steam and hot water.

- Forms an instant seal
- Heat activated curing system
- Resistant to automotive fluids
- Methylene chloride free

Pack sizes - 40ml tube (blister card), 80ml tube (carton)



EPOXY ADHESIVES AND PUTTIES



Hylomar ST574

Hylomar ST 574 is a general purpose two part epoxy putty for sealing, repairing, jointing, insulating and waterproofing a variety of materials including metals, wood, glass, ceramics, concrete and most plastics.

- Extremely tough and hard when set.
- Can be drilled, tapped, sanded, moulded and machined.
- Resists many solvents, oils, cleaners, detergents and other chemicals
- Paintable
- Non-conductive

Pack size – 250g twin blocks



Tilebond

Tilebond is a tough, flexible, impact resistant two-part epoxy adhesive ideal for bonding surfaces subject to impact, vibration and deflection. Unlike conventional epoxy products Tilebond becomes more flexible at elevated temperatures and has a maximum operating temperature of 150°C.

- Tough
- Flexible
- Impact resistant

Pack sizes – 1 and 8 litre tins



Hylomar EPN2

Hylomar EPN2 specially formulated non-setting putty for sealing electrical cable glands.

Pack size – 150g blocks



HYLO®FIX

HYLO®FIX 10 is a rapid curing (10 minutes) two part epoxy putty which is specially formulated for the bonding, repairing and sealing of metal, pottery, stone, concrete and glass. Major applications are: the sealing of pipes, repairing of tools and general industrial and domestic repairs.

HYLO®FIX 40 is a slower curing (40 minutes) two part epoxy putty which is specially formulated for the bonding, repairing and sealing of metal, pottery, stone, concrete and glass. Major applications are: the sealing of pipes, repairing of tools and general industrial and domestic repairs but where a longer working time is required.

Pack size – 57g



PRE-APPLIED



Hyloseal 204+205

Water based non-hazardous pre-applied thread sealants.

Pack size 25kg

Hyloseal 600 Series

A range of pre-applied under head sealants designed to replace conventional washers.

Pack sizes: 600 Yellow - 10kg • 610 Blue - 7.5kg • 620 Blue - 5kg



Hyloloc 406

Water based non-hazardous pre-applied anaerobic thread locking compound that has excellent performance qualities providing low on-torque, high break loose strength and prevailing torque characteristics.

Pack size 10kg

INSTANT ADHESIVES



HYLO®GLUE

HYLO®GLUE instant adhesives are single part high strength, rapid bonding adhesives. The products are clean and easy to use and bond readily to a variety of materials.

- High strength
- Bonds in seconds
- Simple to use
- Non flammable
- Good chemical resistance.

HYLO®GLUE gives instant bonding of a wide variety of substrates such as - EPDM and SBR rubber components, ceramics, metals, plastics.

Typical applications include: bonding O-rings, insulation materials, electronic assemblies, toys, jewellery and ornaments.

Available in a range of viscosities: 3, 120, 300, 1000 and 2500 cps

Pack sizes – 20g, 50g and 500g (Hyloglue 1000 only).



EXHAUST PRODUCTS



Hylomar exhaust assembly pastes and putties are formulated in accordance with the latest health and environmental legislation and are able to withstand temperatures of up to 1100°C.

Hylomar EAP5 Exhaust Assembly Paste

Seals joints in exhaust systems and lubricates joints during fitting.

Pack sizes – 140g tubes & 500g cartridges

Hylomar ERP2 Exhaust Repair Putty

Specially formulated to fill small holes and cracks in exhaust systems thus delaying the need for replacement.

Pack size – 250g tubs



STRUCTURAL ADHESIVES



HYLO®BOND

HYLO®BOND products are two component structural adhesives for bonding metals and some plastics.

HYLO®BOND MS11 is a toughened, two component acrylic adhesive designed for bonding a wide range of substrates. This structural methacrylate adhesive has superior peel, shear and compressive properties. **HYLO®BOND MS11** displays high toughness and can be used on gaps up to 5mm. It has a gel time of approximately 5 minutes. The adhesive has excellent fatigue and weathering resistance.

Mix ratio 1:1, cured tensile strength 25 N/mm².

Pack size – 50ml

HYLO®BOND MS101 is a toughened, two component acrylic adhesive designed for bonding a wide range of substrates. This structural methacrylate adhesive has superior peel, shear and compressive properties. **HYLO®BOND MS101** displays high toughness and can be used on gaps up to 15mm. It has a gel time of approximately 5 minutes. The adhesive has excellent fatigue and weathering resistance.

Mix ratio 10:1, cured tensile strength 16 N/mm².

Pack size – 490ml



SEALANTS



HYLO®FLEX

The **HYLO®FLEX** range of products from Hylomar Ltd are single component high performance MS polymers for use in a wide variety of applications.

The product range includes;

HYLO®FLEX MS40 is a transparent flexible, high strength sealant and adhesive that is suitable for a wide range of applications. Unlike silicone sealants **HYLO®FLEX MS40** can be painted over with most acrylic and alkyd paints and is hazard free. The product can be used indoor or outdoors for sealing and/or bonding almost any material. Shore hardness 40°.

HYLO®FLEX MS60 is a flexible, high strength sealant and adhesive that is suitable for a wide range of applications. Unlike silicone sealants **HYLO®FLEX MS60** can be painted over with most acrylic and alkyd paints and is hazard free. The product can be used indoor or outdoors for sealing and/or bonding almost any material. Shore hardness 60°.

Pack size – 290ml cartridge

Colours available - Black, White and Grey



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