

HYLOGRIP HY2190

Fast curing very high strength, ultra low viscosity thread locker

Description

Hylogrip HY2190 is a fast curing single part, anaerobic, thread-locking adhesive and is designed to penetrate close fitting metal parts. It gives very high strength, and very low viscosity. When fully cured it is highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals.

Physical Properties, Uncured Product

Class of locking (DIN 30661)	3 (High strength – not to be dismantled)
Composition	Anaerobic Methacrylate
Colour	Green Fluorescent
Viscosity Spindle No.1 @ 50 rpm (25°C)	15 mPas
Specific Gravity @ 25°C	1.08 g/ml
Max thread size	M 10
Max gap filling	0.05mm
Flash Point	> 100°C
Solvent Content	None

Cured Product

Handling Cure Time	2 – 10 minutes
Functional Cure Time	1 hour
Full Cure Time	2 - 4 hours
Break loose torque (DIN 54454) Bolts M10 Zinc phosphate nuts and bolts	30 N.m average
Temperature Range	-55 to + 150°C

Instructions for Use

For best results ensure that both surfaces are clean, dry and free from contamination such as oil or grease. Surfaces may be cleaned using Acetone or a similar product.

After assembly apply Hylogrip HY2190 to the nut/bolt joint. Due to its ultra low viscosity the product penetrates the gap between the nut and the bolt by capillary action and then cures. Any excess Hylogrip HY2190 can be easily wiped away using a cloth soaked in Acetone or a similar product.

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.

Hylomar Ltd, Cale Lane, Wigan WN2 1JT UK Tel: +44 (0) 1942 617000 Fax: +44 (0) 1942 617001	Revision date	16.10.2018	Page 1 of 2
	Product name	Hylomar HY2190 Issue 3	



Typical applications

Hylogrip HY2190 is a high strength ultra low viscosity thread-locking adhesive for use on nuts, bolts, studs and any metal threaded components that do not require dismantling. The product is particularly suited to be used post assembly, and relies upon capillary action to penetrate assemblies. The product can also be used to penetrate and seal metal porosity in moulds, castings and welds.

Handling & Safety Properties

Please refer to product safety data sheet.

Packaging

For full details please contact our Sales department.

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.

Hylomar Ltd, Cale Lane, Wigan WN2 1JT UK Tel: +44 (0) 1942 617000 Fax: +44 (0) 1942 617001	Revision date	16.10.2018	Page 2 of 2
	Product name	Hylomar HY2190 Issue 3	