

### HYLOGRIP HY2143

#### Description

Hylogrip HY2143 is fast curing, single part anaerobic thread-locker. It is a medium strength, medium viscosity adhesive suitable for bonding and sealing all threaded metal assemblies. When fully cured it is highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals.

#### Typical Properties

Uncured Material	
Class of Locking (DIN 30661)	2 (Medium Strength – can be dismantled if necessary)
Composition	Anaerobic Methacrylate
Colour	Dark Blue
Viscosity (Spindle No.5 @10rpm) (BS 5350: Part B)	Approx. 3200cps
Specific Gravity (ASTM D4659)	1.08
Max Thread Size	M36
Max Gap Filling	0.20mm
Flash Point	>100°C (>212°F)
Solvent Content	0%

Cured Material	
Handling Cure Time (Zinc coated steel)	2-10 min
Functional Cure Time (Zinc coated steel)	1 hour
Full Cure Time (Zinc coated steel)	3-6 hours
Break Loose Torque (ISO 10964) (M10 Zinc phosphated nuts and bolts)	25 N/m
Temperature Range	-55°C to 150°C (-67°F to 302°F)

#### 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 an equivalent product. Prior to assembly apply sufficient product to fill the threads, put the nut on to the thread and tighten to the desired torque. After tightening any excess Hylogrip HY2143 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.

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### Typical applications

Hylogrip HY2143 is a medium strength general purpose thread-locking adhesive for use on nuts, bolts, studs and any metal threaded components that may require dismantling.

### Handling & Safety Properties

Please refer to the Safety Data Sheet.

### Storage

Shelf life is 18 months from date of manufacture when stored below 25<sup>0</sup>C (77<sup>0</sup>F) in original unopened containers. The shelf life will decrease if kept above 25<sup>0</sup>C (77<sup>0</sup>F) or if exposed to direct sunlight.

### Packaging

Please contact our sales department for details.

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