



A43 THREADLOCK

Oil Tolerant Threadlocking Adhesive

Technical Data Sheet



GLUE MONSTER ADHESIVES RANGE

Description:

A medium viscosity, medium strength, screw and threadlocker. Capable of bonding "As Received" parts covered with a light film of oil. Non-drip consistency for clean, economic application.

Features & Benefits:

- ◆ **Medium viscosity.**
- ◆ **Non-drip formulation.**
- ◆ **Replaces spring washers and lock nuts.**
- ◆ **Allows for disassembly with correct tools.**
- ◆ **High torque.**
- ◆ **Oil tolerant.**
- ◆ **Prevents rust and corrosion.**

Uses

Bond It A43 THREADLOCK can be used as a locking compound for direct application to lightly oiled components, thus reducing the need for pre-treatment. Also suitable as a standard anaerobic threadlocker for fine to medium pitch threads.

Limitations

A43 THREADLOCK is designed for metal bonding. Users should satisfy themselves as to the products efficacy when used in conjunction with engineering rubbers and plastics. Not recommended for use with accelerators. The strength of the Threadlock bond will be substantially lower on stainless steel. On certain grades it may not work at all without the use of an activator. It is the user's responsibility to check suitability of this product with their particular application. Not recommended for use in oxygen rich systems and should not be used with chlorine or other strong oxidising materials.

Preparation

Remove heavy oil and grease contamination. Best results are obtained on clean parts. Shake thoroughly before use.

Application

Apply sufficient adhesive to coat the threads. Assemble and tighten as required. The adhesive will start to cure on exclusion of air from the bonding system. Observe handling and strength times stated below.

Bonding Times

Assuming room temperature is +20°C and a 0.15mm fastener gap size, handling time: < 15 minutes; full strength: 24 hours.

The rate of cure depends on the substrate used, bond gap and temperature. Smaller bond gaps and higher temperatures will generally achieve full bond strength faster.

Cleaning

Clean away excess adhesive with a dry cloth. Once dried, it is best removed mechanically with a wire brush.

Size

Available in 50ml and 25ml plastic bottles.

Colour

Blue in colour.

Shelf Life

Minimum 12 months from date of manufacture when stored at +20°C in original, unopened bottles.

Storage Conditions

Store in a closed upright container between +5°C and +20°C in dry dark conditions. At low temperatures the shelf life will be prolonged. Protect from frost and direct sunlight.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Caution: Hydroquinone Monomethyl Ether, Acetyl, Phenylhydrazine.

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control.

Specification Summary

LIQUID

Chemical Composition	Modified methacrylic ester compounds
Appearance	Blue, medium viscosity, thixotropic liquid, capable of fluorescence
Viscosity	1200 - 3000 cPs
Density	1.08g/cm ³

CURED ADHESIVE

Typical properties - tested on mild steel nut & bolt	Gap-filling Up to 0.1mm
Break Away Torque	20Nm
Prevail Torque	7Nm
Service Temperature Range	-54°C to + 150°C
Commodity Code	3506100000



Product / Order Details

Code	Colour	Fill	Barcode	UFI
BIA4325	Blue	25ml	5060021367693	26U0-806P-700M-5A31
BIA4350	Blue	50ml	5060021360311	26U0-806P-700M-5A31



Part of the Bond It Glues & Adhesives Range

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Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



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