



Never compromise on quality!

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# A43 THREADLOCK

## Oil Tolerant Threadlocking Adhesive

### 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.*

### 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.

### Preparation

Remove heavy oil and grease contamination. Best results are obtained on clean parts.

### Application

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

### Bonding Time

Assuming room temperature is 20°C.  
Handling: < 15 minutes  
Full strength: 24 hours

### 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.

### Storage Conditions

Store in a closed upright container between 3 and 20°C in dry dark conditions. At low temperatures the shelf life will be prolonged.

### Shelf Life

Minimum shelf life 6 months @ 20°C.

### 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

- ◆ Avoid eye contact. Irritating to eyes, eye protection should be worn when handling this product. In the event of contact wash with running water for 15 minutes and seek medical attention.
- ◆ Ensure good ventilation.
- ◆ Avoid contact with skin. Wear gloves.
- ◆ Thoroughly wash hands with soap and water after use.
- ◆ Avoid breathing vapours.
- ◆ Keep out of reach of children.
- ◆ See separate material safety data sheet for full handling, use and storage.

## Specification Summary

### LIQUID

Chemical Composition	Modified methacrylic ester compounds
Appearance	Blue, medium viscosity, thixotropic liquid, capable of fluorescence
Viscosity	2500 mPa.s
Specific Gravity	1.04

### CURED ADHESIVE

Typical properties - tested on mild steel nut & bolt

Gap Filling	Up to 0.1mm
Break Away Strength	4-6MPa
Prevailing	4-6MPa
Static Shear	8-12MPa
Service Temperature Range	-53 to + 150°C

### Container Sizes:

<b>Code:</b>	BIA4325	BIA4350
<b>Size:</b>	25ml	50ml

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do 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 express or implied, of the fitness or suitability of the products for a particular purpose.*