



Never compromise on quality!

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A70 STUDLOCK

Anaerobic Adhesive

Description

A high strength, anaerobic adhesive for the permanent retention and sealing of threaded fasteners, sleeves and bearings. It is resistant to fuels, oils, hydraulic and refrigeration fluids.

Uses

Bond It **A70 STUDLOCK** can be used for fixing and sealing of plugs, through bolts and studs into castings, etc. It eliminates split pins, double nutting and spot welds and is vibration proof. **A70 STUDLOCK** also acts as a lubricant during assembly to ensure accurate torquing and protection against corrosion. Use of **A70 STUDLOCK** improves throughput and efficiency.

Preparation

Surfaces must be clean, dry and free from grease.

Application

Coat threads and ensure the adhesive is present at locking position. The adhesive starts 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.
Initial strength approximately 10 minutes.
Full working strength 6-12 hours.
Ultimate cure 24 hours.

Limitations

Oily or greasy surfaces should not be bonded with **A70 STUDLOCK**. It is designed for metal to metal bonding. Users should satisfy themselves as to the products efficacy when used in conjunction with engineering rubbers and plastics.

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	Dimethacrylate monomer base
Appearance	Red liquid, capable of fluorescence
Viscosity	500 mPa.s
Specific Gravity	1.06

CURED ADHESIVE

Typical properties - tested on mild steel nut & bolt

Gap Filling	Up to 0.25mm
Static Shear	21MPa (21N/mm ²)
Breakaway Strength	20-25 MPa (20-25 N/mm ²)
Service Temperature Range	-55 to + 150°C
Resistant to	Fuels, motor oils and hydraulic fluids

Container Sizes:

Code:	BIA7025	BIA7050
Size:	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.