

Three Bond 1401 Screw Locking Agent

Product Outline

A thread lock that is safe for all plastic and painted applications such as taillights, fairings, plastic and small screws. Three Bond 1401 contains synthetic resins and rubbers as its main components. In a single application it prevents screws, nuts and bolts from loosening, leaking and rusting. Threaded components assembled with TB1401 are designed to be removable with a force approximately 10 ~ 20% greater than that used for fastening. Being an air drying resin TB1401 cures completely even outside the confines of threaded sections. Therefore it can be used to replace conventional low strength anaerobic threadlockers and tamper-proof paints, and is applicable to plastics parts.

For screws which require greater locking and are not subjected to frequent disassembly, Three Bond 1300 Series anaerobic locking agents are recommended.

Features

- Available in 3 colours, clear, red and green for easy detection.
- Cured Three Bond 1401 is resilient and provides excellent vibration and impact resistance.
- Being of low viscosity, it penetrates into threads to prevent loosening and leakage.
- Prevents rusting and corrosion.
- Excellent locking effect with easy disassembly with normal tools.
- Does not effect plastics or painted parts.
- Maintains locking effect permanently.

Typical Properties

| Properties | Value | | |
|-----------------------------|--------------|---------------|-------------|
| Appearance | Liquid | | |
| Colour | 1401 - Clear | 1401B - Green | 1401C - Red |
| Viscosity at 20°C | 350 mPas | | |
| Specific gravity | 0.9 | | |
| Effective temperature range | -40 ~ 120°C | | |

Directions for Use

- In order to obtain optimal results, remove grease, dirt and other impurities from the fitting surface.
- Apply with a brush onto threads. Alternatively post apply to screw head after assembly as TB1401 will penetrate into small clearances and also provide tamper proofing. The 200g container includes a plastic nozzle for easy application without a brush.
- Do not disturb the screws until TB1401 is fully cured (ca. 24 h).
- To loosen a screw or bolt apply a torque approximately 20 % higher than that used for locking.

Handling Precautions

- Use in a well ventilated area, avoid breathing vapour and contact with skin and eyes. For further information see the relevant Material safety Data Sheet.

Storage

- Shelf life 12 months. Keep the original container tightly closed and store it in a dark, dry, sufficiently ventilated and cool place at a temperature of 5 ~ 25°C.

Packaging

- 200g tin.