

VT42 - Lock & Seal

REF: TDS045

Description

Lock & Seal is a medium strength anaerobic adhesive. It is designed for threadlocking applications.

Lock & Seal gives a fast and reliable cure on most industrial substrates. It seals against the majority of industrial fluids.

Lock & Seal is based on a di-Methacrylate resin.

General Characteristics

Colour	Blue
Corrosivity	None
Flashpoint	Greater than 100°C
Gap Filling Capacity	Up to 0.3mm
Shelf Life *	Greater than 1 year
Specific Gravity	1.05
Toxicity	Non toxic
Viscosity at 25°C	
Brookfield Spindle No. 2	500 mPa.s
Vapour Pressure	Very low

Performance Characteristics

Strength	Typical Values
Breakloose **	12 - 18 N.m
Prevail **	8 - 12 N.m
Static Shear	7 - 12 N/mm(2)

* Stored at temperatures between 0 - +5°C

** Tested on M10 mild steel nuts and bolts

LOCK & SEAL - CONT.

How to Use

Ensure parts are clean, dry and free from oil and grease. Product is normally hand applied from the bottle.

Applications

Lock & Seal eliminates the vibration loosening of threaded fasteners. Parts are sealed against leakage and corrosion.

Lock & Seal has been designed for medium strength threadlocking applications.

Typical uses include:

- * Nuts, bolts, screws and medium sized fasteners*
- * Hydraulic connections*
- * Threaded fittings*

Storage

Store products out of sunlight in original container. Do not mix used material with unused product. The expected shelf life under proper storage conditions is at least 6 months at room temperature (between +5 and + 25°C).

Health and Safety

Avoid prolonged contact with skin, especially if sensitive, bruised or lacerated. Wash splashes of adhesive off skin with soap and water. Eyes should be protected from inadvertent splashes. In case of eye contact flush immediately with water and seek medical attention.

PACK SIZE: - Lock & Seal is available in 10gr, 50gr and 250gr size bottles.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.