

**RoHS
Compliant**

Description

This Studlock is a high strength threadlocker that prevents loosening against vibration assemblies (pumps, gearboxes or presses) when sealing bolts, nuts and studs. It works on all metals, including passive substrates such as stainless steel, aluminium, and plated surfaces. Can be disassembled by heating to 300°C.

Features

- Single-component – clean and easy to apply
- Prevent unwanted loosening, leaks, and corrosion
- Reduces costs over mechanical fittings
- Resists vibration
- Can be used on all sizes of fasteners – reduces inventory costs
- Seals threads and increases friction.

Specifications

Base technology	: Acrylic
Colour	: Green (UV Positive)
Cure	: Anaerobic
Viscosity Brookfield Sp2 @20rpm@25°C	: 400-600 cps
Cure speed without Activator	: <10 minutes @ 22°C
Cure speed with Activator	: <5 minutes @ 22°C
Max Thread Size	: M20
Shelf Life	: 24 months @ 22°C
Specific Gravity ASTM D1475-13 (2020)	: 1.06
Temperature Range	: -55°C to +180°C

Test Performance	
Full Cure Time	12 hours @ 22°C
Strength – ISO 10964 Breakaway Prevailing	Unseated >30Nm >35Nm
Strength – ISO 10964 Breakloose Prevailing	Pre – torqued 39Nm 25Nm

Storage

Store product in the unopened container in a dry area out of direct sunlight. Storage below 7°C or greater than 28°C can adversely affect product performance. If stored properly, this product has a shelf life of 24 months.

Part Number Table

Description	Part Number
Studlock, High Strength, 10ml	MP-SL70-10
Studlock, High Strength, 50ml	MP-SL70-50

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