

HIGH STRENGTH THREADLOCKER

TECHNICAL DATA SHEET
Version 2.0 – Revised 2025



Product Description

Permanent, high strength anaerobic thread locker that prevents vibration, loosening & leakage, locks threaded joints, nuts, screws & studs, & withstands shocks & vibrations.

Approvals



Features

- Permanent High Strength
- Prevents Corrosion
- Excellent Shock & Vibration resistance



OIL
RESISTANT



SHOCK
PROOF



VIBRATIONS
RESISTANT



HIGH
STRENGTH



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Packaging



50 mL
Bottle



10 units
/ box



432 boxes
/ pallet

Shelf Life



24
Months



Proper
Storage

+ 27°C

+ 5°C

Technical Data

Property	Unit	Value
Overall Appearance	Low Viscosity – Red Liquid	
Flash Point	°C	> 93
Gap Filling	mm	< 0.15
Density	g/ml	1.05

Instructions

Apply with a 360 turn to the first three threads of both male & female fittings.

Wipe off excess jointing compound in the direction of the thread using an absorbent tissue paper.

Assemble parts and hold on for 24 hours until full curing is reached.

For disassembly, hand tools should be used to remove mating parts. Heat may be applied if needed.

Surface Preparation

Surfaces must be clean, dry and free of grease, dust, oil and any contaminant to ensure that the bonding process is not compromised.

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Typical
Properties

Coefficient of Thermal
Expansion
(α) = $9 \times 10^{-7} K^{-1}$

Coefficient of Thermal
Conductivity:
(k) = 0.24 w/(m.k)

Specific Heat:
0.20 kJ/(kg.k)

Curing Time

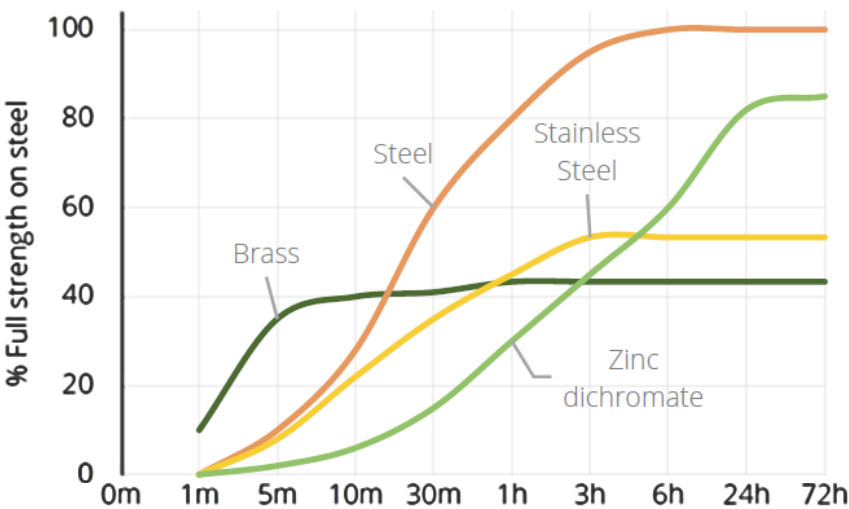
At room Temperature: M10x25 bold and adequate nut at 22°C

Property	Value
Brass	< 60 secs
Steel	5 – 7 mins
Stainless Steel	6 – 8 mins
Zinc Plated Steel	5 – 10 mins
Aluminum	20 – 35 mins

Average Functional Curing Time: 1 – 3 hours

Average Full Curing Time: 8 – 12 hours

With Different Substrates: M10x25 bold and adequate nut at 22°C



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