

No. 662

High Strength Threadlocker

FASSTIX® No. 662 is a high strength, anaerobic thread locking compound designed for the permanent locking of threaded fasteners. The product performs on aluminum, steel, plated fasteners, stainless steel, and special alloy parts. It exhibits good temperature stability and is solvent resistant.

Typical Applications

FASSTIX® No. 662 will lock and seal large fasteners, and is used in applications where shock and vibration may cause the fastener to loosen.

Properties of Uncured Material

Chemical Type	Methacrylic Ester
Cure Type	Anaerobic
Secondary Cure	Activator
Percent Solids	100%
Colour	Red
UV Fluorescent	Yes
Viscosity @25°C ¹	400 – 600 cP
Specific Gravity	1.1
Application	Threadlocking

Performance of Cured Material

Typical Values (M10x1.5 Steel test bolt)

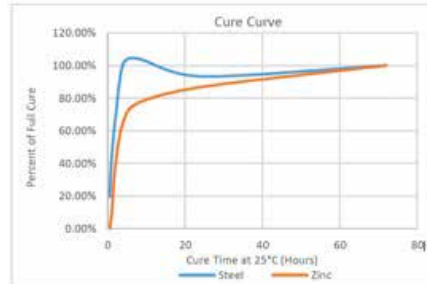
Strength	High
Operating Range	-51 °C to 150 °C (-60 °F to 300 °F)
Fixture Time at 25°C	15 minutes
Breakaway Torque	39 – 50 Nm (350 – 450 in*lbs)
Prevailing off Torque	28 – 34 Nm (250 – 300 in*lbs)
Breakloose Torque	34 – 45 Nm (300 – 400 in*lbs)





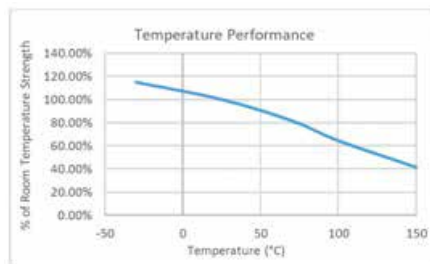
Cure Speed

The cure speed is dependent on temperature and substrate. The graph below shows the Breakaway Strength on various common bolt and nut finishes. Testing was conducted on M10-1.5 bolts with Style 2 test nuts.



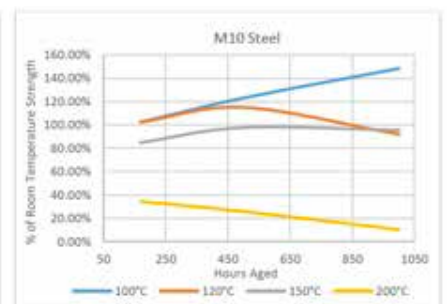
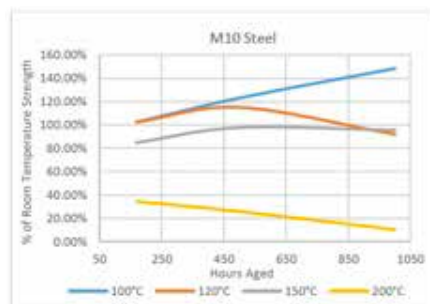
Temperature Performance

Parts were cured for 24 hours then held at temperature for two hours. Breakaway torque values were recorded for parts at temperature. Testing was conducted on M-10x1.5 plain steel bolts with a style 2 plain steel test nut.



Heat Aging

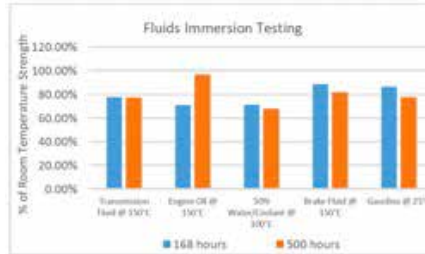
Parts were allowed to cure for 24 hours then were aged at the reported temperatures. Breakaway torque values were recorded at room temperature. Testing was performed on M10-1.5 bolts and style 2 nuts.





Fluids Testing

Parts were allowed to cure for 24 hours then were submerged in the listed fluid(s) at the reported temperatures. Breakaway values for the M-10x1.5 plain test bolts with style 2 nuts were recorded at room temperature.



Informations générales :

Instructions for Use:

For best results, ensure parts are clean, dry and free from oil and grease. Anaerobic adhesives cure in the presence of metal and the absence of oxygen. Residual adhesive outside of the bond area will remain liquid and is not indicative of product failure. For optimal performance, allow the material to cure for at least 24 hours prior to use when possible.

Storage:

Le produit doit être stocké dans un endroit frais et sec à des températures comprises entre -10°C (14°F) et 30°C (86°F). La durée de conservation est de 2 ans à compter de la date de fabrication lorsqu'il est stocké à 22±4°C (72±8°F). Un stockage au-dessus de cette température réduira la durée de conservation. La durée de conservation de ce produit est de 6 mois lorsqu'il est stocké en quantités ≥ 2 litres. Réfrigérez le matériau ou transférez-le dans des contenants plus petits pour prolonger sa durée de conservation.

Note:

FASSTIX® No. 662 is recommended for threaded components under 1" in diameter. Components can be disassembled using conventional hand tools. It is color coded red and once cured, seals and vibration proofs the assembly giving controlled breakaway and prevailing torques. Product conforms to MIL-S-46163A, ASTM D-5363, NSF.

Health & Safety in use:

WARNING: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. Avoid breathing vapours. Wear protective gloves. Wear eye protection. Inhalation: Remove person to fresh air. **Eye Contact:** Rinse cautiously with water for several minutes. If eye irritation persists, get medical attention. **Skin Contact:** Wash with plenty of water. If skin irritation or rash occurs, get medical attention.