

Product Description

Vibra-Tite Hot-lock is a medium-high strength, ceramic based threadlocker which exhibits unparalleled temperature resistance and excellent performance across many different substrate finishes.

Typical Applications

Vibra-Tite Hot-lock will lock threaded joints in place at temperatures where standard threadlockers would disintegrate. Applications include muzzle suppressors, vehicle exhaust bolts.

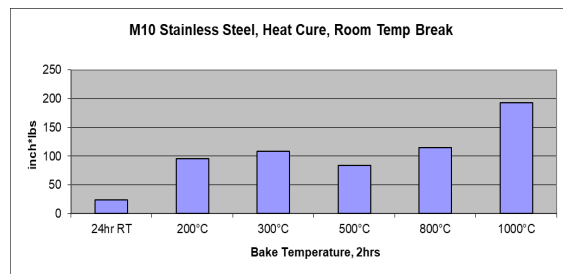
Properties of Uncured Material

Chemical Type	Inorganic
Appearance	Translucent
Toxicity	Low
Solids	
Viscosity @ 25°C, 300 cPs	
Brookfield RVT, Spindle 3 @ 20 rpm	

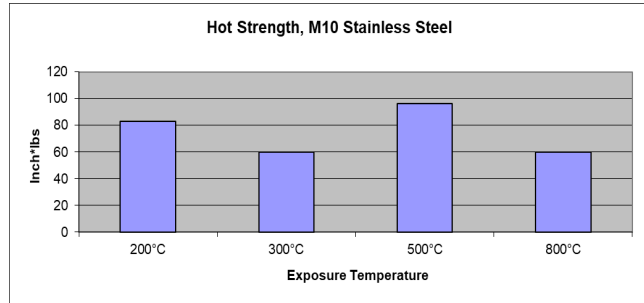
Performance of Cured Material

	Typical Values
Fixture Time	2-6 hrs @ 72°F
Full Cure Time	24 hrs @ 72°F
Temperature Range	-60°F to 2000°F (-51°C to 1093°C)

Breakaway Strength



Note* Room Break Testing performed on M10-1.5 stainless steel style 1 nuts and bolts. Vibra-Tite Hot-lock was allowed to dry for 24 hours prior to exposure to temperature. All parts were broken at room temperature.



Note* Hot Strength Testing was performed on M10-1.5 stainless steel style 1 nuts and bolts. Parts were allowed to dry for 24 hours at room temperature prior to exposure. Exposure temperature was held for 2 hours before breaking at the exposed temperature.

Instructions for Use

Ensure parts are clean, dry and free from oil and grease. Vibra-Tite Hot-lock relies on the evaporation of water to build strength. Use in a sealed joint will require heating to reach a functional strength. Temperature exposure over 110°C will greatly accelerate fixture time.

General Information

Storage

Product should be stored in a cool and dry location at temperatures between 50°F (10°C) to 86°F (30°C). Shelf life is 2 years from date of manufacture when stored at 72±8°F (22±4°C).

Health & Safety in use

IRRITANT: Material contains sodium silicate which is irritating to the skin and eyes.