

## Product Description

Vibra-Tite 420 is an anaerobic thread sealing and thread locking compound for pipe fittings. Vibra-Tite 420 is designed to allow disassembly with standard hand tools. The product performs on aluminum, steel, plated, and brass. Vibra-Tite 420 exhibits good temperature and solvent resistance.

## Typical Applications

Vibra-Tite 420 will seal and lock pipe thread fittings and components. Typical Application includes plumping pipes and fittings, sprinkler heads and connectors, and pipe plugs.

## Properties of Uncured Material

Chemical Type: Anaerobic  
Appearance: White  
Toxicity: Low  
Solids: 100%  
Viscosity @ 25°C, cP  
Brookfield RVF,  
Spindle 7 @ 2 rpm: 175,000 to 525,000  
Specific Gravity: 1.10

## Typical Curing Performance

### Cure Speed

The cure speed is dependent on temperature and substrates. Typical full cure in 72 hours.

### Compatible Primers

Primers such as Vibra-Tite Excel 611 (Primer N) or Vibra-Tite Excel 612 (Primer T) can be used. The use of primers can cause loss of strength and performance should be tested.

## Performance of Cured Material

### Typical Values

Full Cure Time: 72 hrs @ 72°F  
Temperature Range: -60°F to 300°F (-51°C to 150°C)

### Breakaway Strength

3/8" Phosphate nut and bolt @24 hr 10-75 lb<sub>f</sub>-in

## Environmental and Fluid Resistance (Shear strength values)

	<u>Typical Values</u>
Heat age	100%
Engine oil @ 150°C	100%
Brake fluid @ 150°C	85%
ATF @ 150°C	85%
50/50 water/ ethylene glycol @ 120°C	80%
Water @ 90°C	100%
Gasoline @ 25°C	100%
Diesel fuel @ 25°C	100%
Ethyl Alcohol @25°C	95%

## Presentation

Tubes.....50ml, 250ml and liter (bottle)

## General Information

### Storage

Product should be stored in a cool and dry location at temperatures between 14°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).

### Note

Apply to clean fittings filling the 2nd and 3rd threads. Prevent uncured sealant from entering the system by not filling the first thread.

### Health & Safety in use

IRRITANT: Contains Methacrylate Esters which may irritate eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of water.