

### **Product Description**

VT567 is a high temperature, high strength, anaerobic retaining compound designed for metal cylindrical assembly applications. The product performs on aluminum, steel, plated, stainless steel, and special alloy parts. VT567 exhibits outstanding temperature and solvent resistant.

### **Typical Applications**

Locks shaft and hubs together for gears, bearing, bushings.  
 Bonds pins, adaptors, plugs.

### **Properties of Uncured Material**

Chemical Type	Anaerobic
Appearance	Green
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP Brookfield RVT, Spindle 5 @ 20 rpm	5000 to 10000
Specific Gravity	1.16

### **Performance of Cured Material**

	<b>Typical Values</b>
Fixture Time	15-30 min@72°F
Full Cure Time	24 hrs @ 72°F
Temperature Range	-65°F to 450°F (-54°C to 232°C)

### **Shear Strength**

24 hour cure at 23 °C	
Steel pins and collars	>2500 psi
After 24 hr cure, 24 hrs at 177°C, tested at 22 °C	
Steel pins and collars	>3500 psi

Static shear strength was measured on cylindrical parts with a 0.002” diametrical clearance.

### **Environmental and Fluid Resistance** (Shear strength values)

	<b>Typical Values</b>
Heat age	105%
Engine oil @ 150°C	98%
Brake fluid @ 150°C	100%
ATF @ 150°C	80%
50/50 water/ ethylene glycol @ 120°C	80%
Water @ 100°C	80%
Gasoline @ 25°C	100%
Diesel fuel @ 25°C	100%
Ethyl Alcohol @25°C	95%

### **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**

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.