



Product Description

ND 567 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. ND 567 exhibits excellent 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

| | Typical Values |
|-------------------|------------------------------------|
| Fixture Time | 15-20 min@72°F |
| Full Cure Time | 24 hrs @ 72°F |
| Temperature Range | -60°F to 350°F (-51°C to 177°C) |

Shear Strength

| | |
|--|-----------|
| After 24 hour cure | |
| 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)

| | Typical Values |
|---|-----------------------|
| 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.