VIBRA-TITE IS A REGISTERED TRADEMARK OF ND INDUSTRIES, INC.

Product Description

Vibra-Tite 538 High Strength Retaining Compound is a single part, medium viscosity, high strength anaerobic resin used for bonding rigid assemblies of all types. This material can be used effectively to increase the strength of most mechanical assemblies.

Typical Applications

Vibra-Tite 538 can be used in a broad variety of applications such as:

- Locking keys and splines
- Eliminating backlash in worn assemblies
- Locking bearings in place, preventing spin out
- Bonding rotor to shaft in low horsepower motors
- Locking bushings and sleeves in housings and on shafts
- Restoring the fit to worn assemblies or out-of tolerance pans

Instructions for Use

Ensure parts are clean, dry and free from oil and grease.

Procedure for Application

Product is normally hand applied from the bottle onto threaded parts.

Compatible Primers

Primers such as Vibra-Tite Excel 611 (Primer N) or Excel 612 (Primer T) can be used. The use of primers can result in lower strength and performance should be tested after full cure.

Technical Features

Resin:.....Dimethacrylate
Color:.....Green
Fixture Speed w/Primer……...<5 minutes
Fixture Speed w/o Primer 10-60 min @ 77ºF
Viscosity…….....2100-2900 cps
Gap Fill.....0.015"
Max. Operating Temp…… -65°F to +300°F

Cured Performance

Full Cure Time: 24 hours @ 68°F
Shear Strength: >3500 psi

Presentation

Bottles…….....50 ml, 250 ml & 1L.

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

Using Vibra-TITE 538 is easy, the product is color coded green and once cured, it seals and vibration proofs the assembly, giving high compressive shears.

Technical data contained within this document is intended for reference only
For assistance and recommendations on specifications for this product, contact ND Industries
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