



Product Description

Vibra-Tite 442 High Pressure Thread Sealant is a fast curing high strength anaerobic sealant which seals hydraulic and pneumatic fittings, resisting high pressures and vibrational loosening. This thixotropic behavior of 442 makes it well-suited for use on large diameter pipes. This product has excellent solvent resistance and withstands temperatures to 300 °F.

Typical Applications

Typical applications are hydraulic and pneumatic fittings, servomechanisms and fine filtration systems, especially when using large diameter pipes or fittings.

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 directly onto threaded parts.

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.

Technical Features

Resin:Dimethylacrylate
Color: Purple
Fixture Speed w/Activator:.....<30 minutes
Fixture Speed w/out Activator <4 hrs
Viscosity 15,000-40,000 cps
Rheology..... Thixotropic
Gap Fill.....0.007 cp
Max. Operating Temp..... -65°F to +300°F

Cured Performance

Full Cure Time 24 hours @ 68°F
Pressure Resistance..... 10,000 psi

Presentation

Bottles..... 10 ml, 50ml, 250ml and liter

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

For optimal results apply 442 High Pressure Thread Sealant to the 2nd and 3rd threads. Excess can be wiped away and any migration into lines will not solidify and can be flushed away during commissioning.

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.