

Product Description

VibraTITE 550 is anaerobic retaining compound designed to be used on freeze, core, and cup plug applications. 550 is thixotropic and lends itself well to being dispensed on vertical surfaces.

Typical Applications

Vibra-TITE 550 will seal and retain non-thread plugs. 550 is used to seal core plugs in upper and lower manifolds and engine blocks. Typical applications include core plugs, cup plugs installed into engine blocks.

Properties of Uncured Material

Chemical Type	Methylacrylate
Appearance	Blue
Toxicity	Low
Viscosity @ 25°C, cP Brookfield RVT, Spindle 3 @ 20 rpm	8500 cps
Specific Gravity	1.09

Performance of Cured Material

Fixture Time 72°F	10-15 min @
Full Cure Time	24 hrs @ 72°F
Temperature Range	-60°F to 350°F (-51°C to 177°C)

Shear Strength

	Typical Values
Compressive Shear (1 hr)	1600 psi min
(24 hr)	2300 psi min

Environmental and Fluid Resistance

Tests were conducted on steel pins and collars. Coated parts were assembled and submersed in the fluid for 30 days; the parts were tested for compressive shear while at temperature.

(Shear strength values)

	Typical Values
Engine oil @ 150°C	100%
Brake fluid @ 25°C	100%
ATF @ 150°C	100%
50/50 water/ethylene glycol @ 120°C	92%
Gasoline @ 25°C	97%

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.