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Technical Data Sheet

Vibra-Tite® 709 Flexible Gasket Maker

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Product Description

Vibra-TITE 709 Gasket Maker is a single component, medium strength, thixotropic, anaerobic sealant that cures when confined between close fitting metal surfaces. 709 Gasket Maker provides an instant low-pressure seal.

Typical Applications

709 Gasket Maker seals between rigid metal surfaces and flanges such as valve covers and gearbox casings. This product can be used with or without pre-cut, pre-formed gaskets.

Technical Features

Resin……..….Modified Urethane Acrylate
Color:.....Blue
Fixture Speed w/Activator……<15 minutes
Fixture Speed w/out Activator…….……1 hour
Viscosity(Thixotropic).140,000-250,000 cps
Gap Fill.....0.125"
Shelf Life.....24 months @ 68°F
Max. Operating Temp……..-65°F to +300°F

Cured Performance

Full Cure Time.....24 hours @ 68°F
Shear Strength
(grit blasted steel)……..…800-1500 psi
Compressive Shear Strength…….. >900 psi

Environmental and Fluid Resistance
(Shear strength values)

	Typical Values
Heat age	110%
Engine oil@ 150oC	105%
ATF @ 150oC	85%
50/50 water/ ethylene glycol @ 120oC	70%
Water @ 100oC	80%
Gasoline @ 25oC	95%
Diesel fuel @ 25oC	100%

General Information

Compatible Primers

Vibra-TITE Excel 611 (Primer N) can be used. The use of primers can cause loss of strength and performance should be tested.

Storage

Store in cool area out of direct sunlight

Note

Where gap size is large or where the surface is uneven, apply a Vibra-TITE primer to help cure the product through volume. Gasket Maker can be roller coated, screen-printed or applied by pads. Product conforms to GM-1182863

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.