

Product Description

Kem Vibra-Tite 460 High Temperature Thread Sealant is an easy to use anaerobic pipe sealant which sets fast to give an instant low pressure seal of 100 psi and a high pressure seal when fully cured. This high strength product provides 100% sealing capability and does not shrink after curing, unlike more traditional solvent based pipe dopes.

Typical Applications

Kem Vibra-Tite 460 High Temperature Thread Sealant with Teflon® lubricates parts during assembly. The cure system allows for realignment of parts up to 24 hours from application. This product can be used on most hydraulic, pneumatic, oil, water, and gas connections.

Usage Instructions

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 Kem Vibra-TITE Excel 611 (Primer N) or Excel 612 (PrimerT) can be used. The use of primers can result in lower strength and performance should be tested after full cure.

* Teflon is a registered trademark of the E.I. Du Pont Denemoures & Co.

Technical Features

#	Parameter	Specifications
1	Resin	Dimethylacrylate
2	Color	White
3	Fixture Speed w/Activator	< 10 min.
4	Fixture Speed w/o Activator	60 minutes
5	Viscosity, cps.	356000
6	Gap Fill	0.3mm
7	Shelf Life, Months @ 20°C	12
8	Operating Temperature, Max°C	-20 to 205

Curing Schedule and Performance

Full Cure Time	24 Hrs. @ 30±2 °C
Fixture time at ambient	60 minutes
Pressure Resistance	10000 Psi (703 Kg/cm ²)
Breakloose Torque, ISO 10964 (Pre-torqued to 50 kgf.cm)	30-120 Kgf.cm

Packing – Tubes – 50 ml, 250 ml,

General Information

Storage

Product should be stored in a cool and dry location at temperatures between -10 °C to 30 °C. Optimal storage is 22±4°C. Shelf life is 12 months from date of manufacture when stored at 22±4°C.

Note

For optimal performance apply Kem Vibra-TITE 460 High temperature threadsealant to the 2nd and 3rd threads and not the leading thread.

Product conforms to GM 1182607, NFS

Health & Safety

IRRITANT: Contains Methylacrylate Esters which may irritate eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of water.

NOTE TO USER

The information contained in this document while based on evidence and reliable methods can not be considered exhaustive. This information are current to the date of issuance of this data sheet.

The user, under its own responsibility, shall respect all the existing provisions on hygiene and safety and shall verify every time the features and the specific and appropriate way to use the product, cause the respect of the provisions is not under producer's direct control. The manufacturer does not guarantee nor assume any liability or responsibility for whatsoever harm that might result from a misuse of the product or for damages that have arisen after the product's distribution.

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