



Kem Vibra-TITE 440

Anaerobic Thread Sealant



Product Description

Kem Vibra-TITE 440 High Pressure Threadsealant is a fast curing high strength anaerobic sealant which seals hydraulic and pneumatic fittings up to 2" in diameter, resisting high pressures and vibrational loosening. This product has excellent solvent resistance and withstands temperatures to 150 DegC.

Typical Applications

Kem Vibra-Tite 440 will seal and lock pipe thread fittings and components. Typical Application includes plumping pipes and fittings, sprinkler heads and connectors, and pipe plugs.

Usage Instructions

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

Compatible Primers

Primers such as Kem 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

#	Parameter	Specifications
1	Resin	Anaerobic
2	Color	White
3	Toxicity	Low
4	Solids	100%
5	Viscosity, cps, Brookfield RVF 7 @ 2 rpm	175000 - 525000
6	Specific Gravity	1.10
7	Shelf Life, Months @ 20°C	12
8	Operating Temperature, Max °C	-50 - 150

Curing Schedule and Performance

Full Cure Time	72 Hrs. @ 15°C
Breakaway Strength @ 230°C	10-75 lbf-in.

Packing – Tubes – 50 ml, 250 ml, 1 L Bottle

Environmental and Fluid Resistance (Shear Strength Value)

Heat Age	100%
Engine Oil @ 150°C	100%
Brake Fluid @ 150°C	85%
ATF @ 150°C	85%
50/50 water / Ethylene Glycol @ 150°C	80%
Water @ 100°C	100%
Gasoline @ 25°C	100%
Diesel Fuel @ 25°C	100%
Ethyl Alcohol @ 25°C	95%

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 18 months from date of manufacture when stored at 22±4°C.

Note

Apply to clean fittings filling the 2nd and 3rd threads. Prevent uncured sealant from entering the system by not filling the first thread.

Health & Safety

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.

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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