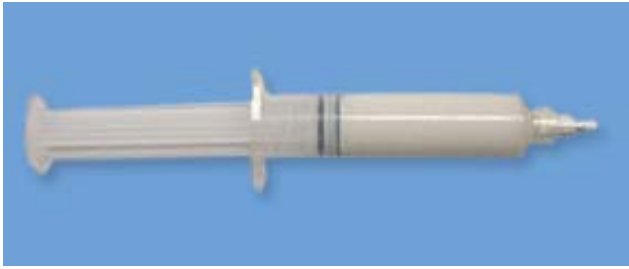


Thermal Compound



Model A-505

RoHS



- Eliminates condensation
- Excellent thermal conductive synthetic paste
- No particle migration or fluid separation
- Withstands high working temperatures without evaporating or hardening

The A-505 thermal compound is a synthetic ester based white homogeneous paste filled with heat conductive metal oxides, providing efficient thermal conductivity with negligible bleed and evaporation loss even at high working temperatures. A-505 exhibits no particle migration, fluid separation or hardening. Unlike silver oxide thermal compounds which may react with the temperature sensor probe in the presence of contaminants, the A-505 is totally inert and does not exhibit catalytic behavior between the probe material and the thermowell. The A-505 thermal compound has a specific gravity of 2.9 at 77°F, service temperature of -40°F to 392°F, and thermal conductivity exceeds 19.0×10^{-4} (calories/cm²/°C/sec/cm). The A-505 thermal compound is available in conveniently packaged 1-ounce syringes. We highly recommend using thermal compound with the A-500 thermowell to insure that there is no condensation within the thermowell and to improve the heat transfer from the media to the temperature sensor.

SPECIFICATIONS:

Substance: Zinc oxide paste

Service Temperature: -40°F to 392°F (-40°C to 200°C)

Safety: Non-hazardous

Thermal Conductivity: Exceeds 19.0×10^{-4}
calories/cm²/°C/sec/cm

Weight: 1 oz. (28 grams)

Specific Gravity: 2.7 at 77°F (25°C)

Packaging: 1 oz. (28 grams) syringes

**A-505 is not considered a hazard under OSHA Hazard Communication Standard 29 CFR1910.1200.*

ORDERING INFORMATION: A-505





MAMAC Systems is the leading global manufacturer of sensors, transducers, control peripherals and web browser based IP appliances. MAMAC products are used for HVAC and environmental controls, remote monitoring, alarming, energy metering and industrial automation.

All MAMAC products are manufactured in the USA.

WARRANTY: MAMAC Systems, Inc. and its subsidiaries (hereinafter referred to as MAMAC Systems) warrants its products to be free of defects in material and workmanship for a period of five (5) years from date of shipment. If a unit is malfunctioning, it must be returned to the factory for evaluation. A return authorization number (RMA) will be issued by the customer service department and this number must be written or prominently displayed on the shipping boxes and all related documents. The defective part should be shipped freight pre-paid to the factory. Upon examination by MAMAC Systems, if the unit is found to be defective, it will be repaired or replaced at no charge to the customer. However, this warranty is void if the unit shows evidence of being tampered with, damaged during installation, misapplied, misused, or used in any other operating condition outside of the unit's published specifications.

MAMAC Systems makes no other warranties or representations of any kind whatsoever, expressed or implied, except that of title. All implied warranties including any warranty of merchantability and fitness for a particular purpose are hereby disclaimed. User is responsible to determine suitability for intended use.

LIMITATIONS OF LIABILITY: The remedies of buyer set forth herein are exclusive and the total liability of MAMAC Systems with respect to this order, whether based on contract, warranty, negligence, indemnification, strict liability or otherwise, shall not exceed the purchase price of the product upon which liability is based. **In no event shall MAMAC Systems be liable for consequential, incidental or special damages.** MAMAC Systems reserves the right to change any specifications without notice to improve performance, reliability, or function of our products.

Every precaution for accuracy has been taken in the preparation of this manual, however, MAMAC Systems neither assumes responsibility for any omissions or errors that may appear nor assumes liability for any damages that result from the use of the product in accordance with the information contained in the manual.

