

# EPM-2401

## Low volatility thermal interface silicone grease

### DESCRIPTION

- Thermally conductive, white silicone grease
- Excellent resistance to moisture, ozone and oxidation over a wide temperature range

### APPLICATION

- For applications requiring low volatility
- For moderate transfer of heat, high and low temperature stability, and low bleed

### PROPERTIES

Typical Properties	Average Result	Standard	NT-TM
Appearance	White	ASTM D2090	002
Specific Gravity*	2.30	ASTM D891, D1475	022
Thermal Conductivity	0.70 W/mK ( $17 \times 10^{-4}$ cal/(cm·sec·°C))	ASTM E1530	-
Dielectric Strength	13 kV at 0.1 in. spacing (13 kV at 2.5 mm spacing)	ASTM D877	-
Dielectric Constant	4.2 at 1 kHz	ASTM D150	-
Volatile Content (1 hour at 300°C)	0.23%	ASTM D2288	004
Ionic Content, Cl	< 5 ppm	-	-
Ionic Content, K	< 2 ppm	-	-
Ionic Content, Na	< 4 ppm	-	-

\*Properties tested on a lot-to-lot basis. Do not use the properties shown in this technical profile as a basis for preparing specifications. Please [contact](#) NuSil Technology for assistance and recommendations in establishing particular specifications.

## INSTRUCTIONS FOR USE

Apply by hand, brushing, wiping, or with specially designed equipment. Thin with solvents for spraying and dipping.

## ROHS AND REACH COMPLIANCE

Please [contact](#) NuSil Technology's Regulatory Compliance department with any questions or for further assistance

## SPECIFICATIONS

Do not use the properties shown in this technical profile as a basis for preparing specifications. Please [contact](#) NuSil Technology for assistance and recommendations in establishing particular specifications.

## WARRANTY INFORMATION

The warranty period provided by NuSil Technology LLC (hereinafter "NuSil Technology") is 12 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology specifically disclaims all other expressed or implied warranties, including, but not limited to, warranties of merchantability and fitness for use. The exclusive remedy and NuSil Technology's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. NuSil Technology expressly disclaims any liability for incidental or consequential damages.

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NuSil Technology believes, to the best of its knowledge, that the information and data contained herein are accurate and reliable. The user is responsible to determine the material's suitability and safety of use. NuSil Technology cannot know each application's specific requirements and hereby notifies the

### Packaging

25 Gram  
6 oz. Tube (177 mL)

### Warranty

12 Months

user that it has not tested or determined this material's suitability or safety for use in any application. The user is responsible to adequately test and determine the safety and suitability for their application and NuSil Technology makes no warranty concerning fitness for any use or purpose. NuSil Technology has completed no testing to establish safety of use in any medical application.

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