



E-Grease 880 is a high performance thermally conductive grease which never dries out. It is easily spreadable for application involving auto-dispensing equipments or by screen-printing; but has low flowability to prevent pump out.

The proprietary boron nitride formula of E-Grease 880 makes for its excellent thermal conducting performance. Together with its superior wetting properties in filling surface irregularities, E-Grease 880 provides a complete solution for application where rigorous heat transfer from heat source to spreader is required. It is naturally tacky and is suitable for applications where re-work or frequent assembly/disassembly is required.

E-Grease 880 is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

Features and Benefits	Typical Applications	Optional Configurations
<ul style="list-style-type: none"> • 5.5W/m-K thermal conductivity • Excellent thermal conductivity • Never dries • RoHS compliant • Halogen-free • Suitable for auto-dispensing and screen printing applications 	<ul style="list-style-type: none"> • Heat source to spreader/sink in computer and peripherals • Power conversion equipments • Cooling components to the chassis, frame or other types of heat spreader • Wireless communication hardware • Automotive control units • Power supply • Audio and video component • Micro processor 	<ul style="list-style-type: none"> • Syringes and special cartridges can be arranged upon request

Properties	E-Grease 880	Test Method
Construction & Composition	Silicone-based grease	—
Color	White / Off-White	Visual
Density (g.cm ⁻³)	1.256	—
Temperature Range (°C)	-40~160°C	—
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	5.5	ASTM D5470 (modified)
Thermal Impedance @ 80psi (°C.in ² /W)	0.065	ASTM D5470 (modified)
Shelf Life	24 months	—

Please contact us for other special requirements

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E-Grease 880 具有高导热性能及永不干涸等特点。

它具有良好的覆盖面积及低流动性，适合用于自动配料及丝网印刷等生产工艺。

独有的氮化硼配方是 E-Grease 880 优良导热性能背后的主要原因，再加上自身的润滑作用，E-Grease 880 能解决热源与散热器之间严峻的热传导要求。

E-Grease 880 具有天然粘性，并且适合用于需要频繁组装/卸装的应用上。它不单指符合 RoHS 规格更达到无卤素要求，令客户在使用时对于有害物质的控制更有信心。

产品特点	一般应用	其他配置
<ul style="list-style-type: none"> • 导热率 5.5W/m-K • 优良导热性能 • 永不干涸 • 符合 RoHS 规格 • 不含卤素 • 适用于自动配料及丝网印刷等生产工艺 	<ul style="list-style-type: none"> • 计算机或其外围设备内热源和散热器之间 • 功率转换设备 • 底盘，框架或其他散热组件 • 无线通信硬件 • 汽车电机控制器 • 供电设备 • 音频视频组件 • 微处理器 	<ul style="list-style-type: none"> • 如有需要，可安排针桶及特别注射器等包装

一般特性	E-Grease 880	测试方法
结构及主要成分	硅树脂油膏	—
颜色	白色/米白色	目测
密度 (g.cm ⁻³)	1.256	—
使用温度 /°C	-40~160°C	—
导热率 W.m ⁻¹ .K ⁻¹	5.5	ASTM D5470 (modified)
热阻抗 @ 80psi (°C-in ² /W)	0.065	ASTM D5470 (modified)
有效期	24 months	—

如对产品有特殊要求，请联络我们

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