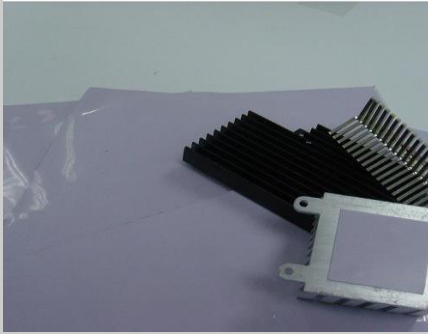


High THERMAL CONDUCTIVE GAP FILLER 4.0W/m-K

Features and Benefits

- Superior thermal performance
- 4.0W/m-K thermal conductivity
- Low hardness
- Naturally tacky
- Electrically isolating
- RoHS compliant
- Halogen-free



Typical Applications

- Notebook Computers
- Handheld Portable Electronics
- Micro Heat Pipe assemblies
- Micro Processors, Memory Chips and Graphic Processors
- Motor Control
- Wireless Communication Hardware

Optional Configurations

- Can be die-cut into other dimensions

E-Fill 8500 Spec06 offers good thermal performance and conformability. This material conforms to surface irregularities under low application pressures. It is electrically non-conductive and naturally tacky. Additional adhesive is generally not required.

The proprietary formulation of E-Fill 8500 Spec06 is RoHS compliant and halogen-free, providing extra reassurance in applications where hazardous substances are forbidden.

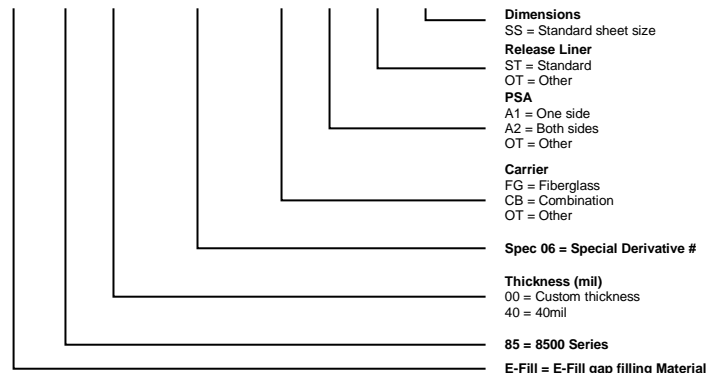
Properties	E-Fill 8500 Spec06	Test Method
Construction & Composition	Soft silicone elastomer	–
Color	Violet	Visual
Thickness Range /inch (mm)	0.02"–0.40" (0.508–10.16) in 0.01" (0.254) increments	–
Standard Sheet Size	12" x 16"	–
Density /g.cm ⁻³	3.3	–
Hardness /Shore 00	30	ASTM D2240
Tensile Strength /psi	34	ASTM D412
UL Flammability Rating	UL94 V0	–
Temperature Range /°C	-40°C–200°C	–
Thermal Conductivity /W.m ⁻¹ .K ⁻¹	4.0	ASTM D5470 (modified)
Breakdown Voltage /(V/mm)	>6000	ASTM D149
Volume Resistivity /ohm.cm	8.0 x 10 ¹³	ASTM D257
Dielectric Constant @ 1MHz	12.8	ASTM D150
Shelf Life	24 months	–

Please contact us for other special requirements

Carrier Treatment	Criteria
Fiber Glass (FG)	Not Recommended
Rubberized Cloth (RC)	Not Recommended
Pressure Sensitive Adhesive (PSA)	Not Recommended
Detachable Adhesive (DA)	Not Recommended
Aluminum Foil (AL)	Not Recommended
Kapton (PI)	Not Recommended
Talc treatment (DAT)	Not Recommended

Product Code and Descriptions

E-Fill 85 XX Spec 06 -XX -XX -XX -XX



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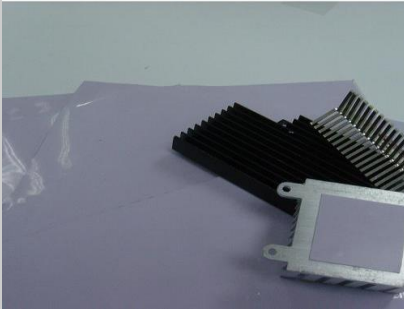
Taiwan

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产品特点

- 出众的导热性能
- 导热率 4.0W/m-K
- 低硬度
- 天然粘性
- 电绝缘
- 符合 RoHS 规格
- 无卤素



一般应用

- 电子笔记本
- 手提电子器材
- 微热管组件
- 微处理器，内存芯片，图形处理器
- 底盘，框架或其他散热组件
- 电机控制器
- 通信用硬件

其他配置

- 可模切成特定尺寸

E-Fill 8500 Spec06 是一种拥有良好表面吻合度和高导热效能的导热填充垫，这款导热填充垫能够在低应用压力的情况下保持不规则表面间的良好接触。E-Fill 8500 Spec06 具有电绝缘及天然粘性等特点，在正常情况下不需要增加额外的胶粘剂

独有的产品配方不单指符合 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。

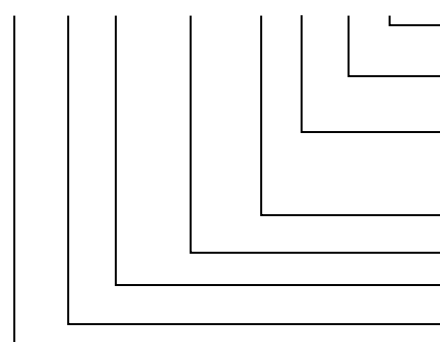
一般特性	E-Fill 8500 Spec06	测试方法
结构及主要成分	硅树脂弹性体	-
颜色	紫色	目测
厚度 /inch (mm)	0.02"~0.40" (0.508~10.16) 以 0.01" (0.254)为基本增量单位	-
标准片材尺寸	12" x 16"	-
密度 /g.cm ⁻³	3.3	-
硬度 /Shore 00	30	ASTM D2240
拉伸强度 /psi	34	ASTM D412
UL 燃烧等级	UL94 V0	-
使用温度 /°C	-40°C ~200°C	-
导热率 W.m ⁻¹ .K ⁻¹	4.0	ASTM D5470 (modified)
击穿电压/(V/mm)	>6000	ASTM D149
体积电阻率 /ohm.cm	8.0 x 10 ¹³	ASTM D257
介电常数@ 1MHz	12.8	ASTM D150
有效期	24 months	-

如对产品有特殊要求，请联系我们

Carrier Treatment	Criteria
Fiber Glass (FG)	Not Recommended
Rubberized Cloth (RC)	Not Recommended
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Kapton (PI)	Not Recommended
Talc treatment (DAT)	Not Recommended

产品编码及描述

E-Fill 85 XX Spec 06 XX XX XX XX



尺寸
SS = 标准尺寸
高阻膜
ST = 标准
OT = 其他
压敏胶
A1 = 单面
A2 = 双面
载体
FG = 玻璃纤维
CB = 组合
OT = 其他
Spec 06 = 特别产品编码
Thickness (mil)
00 = 定制厚度
40 = 40mil
85 = 8500 系列
E-Fill = E-Fill 导热填充垫

香港

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