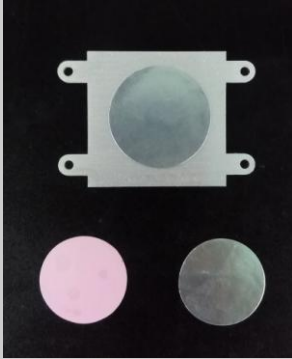


Features and Benefits

- Maximum heat transfer
- Aluminum foil coated on one side
- Designed to replace thermal grease



Typical Applications

- Between a transistor and a heat sink
- Between two large surfaces such as an L-bracket and the chassis of an assembly
- Between a heat sink and a chassis
- Under electrically isolated power modules or devices such as resistors, transformers and solid state relays

Optional Configurations

- Can be die-cut into specific dimensions

E-Fill 8400 Spec 09 is a composite of aluminum foil coated on one sides with thermally conductive rubber. The material is designed for those applications in which maximum heat transfer is needed and electrical isolation is not required. E-Fill 8400 Spec 09 the ideal thermal interface material to replace messy thermal grease compounds.

E-Fill 8400 Spec 09 eliminates problems associated with grease such as contamination of reflow solder or cleaning operations. Unlike grease, E-Fill 8400 Spec 09 can be used prior to these operations. E-Fill 8400 Spec 09 also eliminates dust collection which can cause possible surface shorting or heat buildup.

Properties	Typical Data	Test Method
Colors	Pink	Visual
Thickness /mm	0.2 – 0.5 in 0.1 increments	ASTM D374
Reinforcement Carrier	Aluminium Foil	—
Hardness /Shore 00	70	ASTM D2240
Continuous Use Temp / °C	-60~200	—
Flame Rating	Meet with UL 94V0	UL94
Breakdown Voltage /V	>400	ASTM D149
Dielectric Constant (1000Hz)	NA	ASTM D150
Volume Resistivity (Ω.m)	10 ²	ASTM D257
Thermal Conductivity W/m.K ⁻¹	2.5	ASTM D5470 (modified)

香港

Tel: (852) 2686 8168
Fax: (852) 2686 8268
E-mail: emeihk@emeigroup.com

东莞

(86) 769-8334 1628
(86) 769-8334 2028
emeidg@emeigroup.com

上海

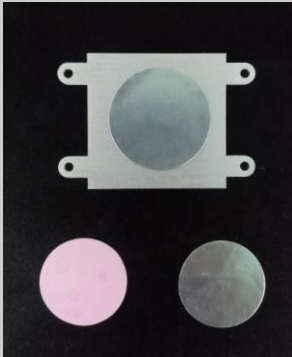
(86) 21-5868 3381
(86) 21-5868 3386
emeish@emeigroup.com

台湾

(886) 2-2793 9055
(886) 2-2793 9501
emeitw@emeigroup.com

产品特点

- 高导热
- 单面铝箔
- 用作代替导热脂



一般应用

- 在晶体管 and 散热片之间
- 在大面积的组件装配如 L-支架和底盘之间
- 在散热器和底盘之间
- 在绝缘电源模块或设备，如电阻，变压器和固态继电器

其他配置

- 可模切成特定尺寸

E-Fill 8400 Spec 09 是一种铝箔复合涂覆导热硅橡胶垫。该材料是专为那些不需要电绝缘及需要高导热的应用上。E-Fill 8400 Spec 09 是理想的热界面材料用作代替不好使用的导热脂。

E-Fill 8400 Spec 09 完全没有使用导热脂时会出现的污染问题如回流焊或清洗作业。不同于导热脂，E-Fill 8400 Spec 09 可以在这些操作之前使用。E-Fill 8400 Spec 09 也消除了粉尘污染所带来的短路或热积累的表面问题。

一般特性	一般数据	测试方法
颜色	粉红色	目测
厚度 /mm	0.2 – 0.5 以 0.1 为基本增量单位	ASTM D374
载体	铝箔	—
硬度 /Shore 00	70	ASTM D2240
连续使用温度/ °C	-60 ~ 200	—
UL 燃烧等级	Meet with UL 94V0	UL94
击穿电压/V	400	ASTM D149
介电常数(1000Hz)	NA	ASTM D150
体积电阻 (Ω.m)	10 ²	ASTM D257
导热率 W.m-1.K-1	2.5	ASTM D5470 (modified)

香港

Tel: (852) 2686 8168
Fax: (852) 2686 8268
E-mail: emeihk@emeigroup.com

东莞

(86) 769-8334 1628
(86) 769-8334 2028
emeidg@emeigroup.com

上海

(86) 21-5868 3381
(86) 21-5868 3386
emeish@emeigroup.com

台湾

(886) 2-2793 9055
(886) 2-2793 9501
emeitw@emeigroup.com