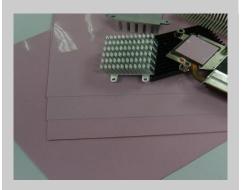


# E-FILL 8400 Spec 05

# THERMALLY CONDUCTIVE GAP PAD 2.5W/m-K

### **Features and Benefits**

- 2.5W/m-K thermal conductivity
- Improved handling properties
- Naturally tacky



# **Typical Applications**

- Cooling component to the chassis, frame, or other type of heat spreader
- Mass storage devise
- Heat pipe assemblies
- RDRAM memory modules
- Motor control
- Telecommunication hardware

# **Optional Configurations**

- Fibreglass reinforcements are recommended for ≤ 0.03"
- Adhesive coating are optional
- Can be die-cut into specific dimensions

Carrier Treatment	Criteria		
Fiber Glass (FG)	Compulsory for ≤ 0.03" (0.75mm)		
Rubberized Cloth (RC)	Not Recommended		
Pressure Sensitive Adhesive (PSA)	Not Recommended		
Detachable Adhesive (DA)	Optional to ≥ 0.039'' (1.0mm)		
Aluminum Foil (AL)	Optional to ≥ 0.039" (1.0mm)		
Kapton (PI)	Not Recommended		
Talc treatment (DAT)	Optional to all thickness		

Product Code and Descriptions							
<u>E-Fill</u> <u>84</u>	<u>XX</u>	<u>Spec 05</u>	<u>XX</u>	<u>xx</u>	<u>xx</u>	<u>XX</u>	
						· · · · · · · · · · · · · · · · · · ·	Dimensions     SS = Standard sheet size     Release Liner     ST = Standard     OT = Other     PSA     A1 = One side     A2 = Both sides     OT = Other     Carrier     FG = Fiberglass     CB = Combination     OT = Other     Spec 05 = Special Derivative #     Thickness (mil)     00 = Custom thickness     40 = 40mil     84 = 8400 Series     E-Fill = E-Fill gap filling mater

#### Hong Kong (852) 2686 8168 (852) 2686 8268 emeihk@emeigroup.com

Tel:

Fax:

E-mail:

Dongguan

(86) 769-8334 1628/3400 (86) 769-8334 2028/5656 emeidg@emeigroup.com Shanghai

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

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

www.emeigroup.com

Specifications and appearances may change without notice. All statements, technical information and recommendations herein are based on tests that we believed to be reliable, but the accuracy and completeness are not guaranteed. Before using, user should determine the suitability of the product for its intended use, and the user assumes all risks and liabilities whatsoever in connection therewith. Neither the seller nor the manufacturer shall be liable for any loss or damage, direct, incidental or consequential, including loss of profits or revenues arising from the use or inability to use the product. Any statements or recommendations shall have no effect unless contained in a greement signed by authorized personnel of the seller and manufacturer.

E-Fill 8400 Spec 05 is a functional derivative of the original E-Fill 8400 series. It exhibits good thermal performance but with much improved handling properties than the normal E-Fill 8400.

It is electrically non-conductive and naturally tacky. Additional adhesive is generally not required.

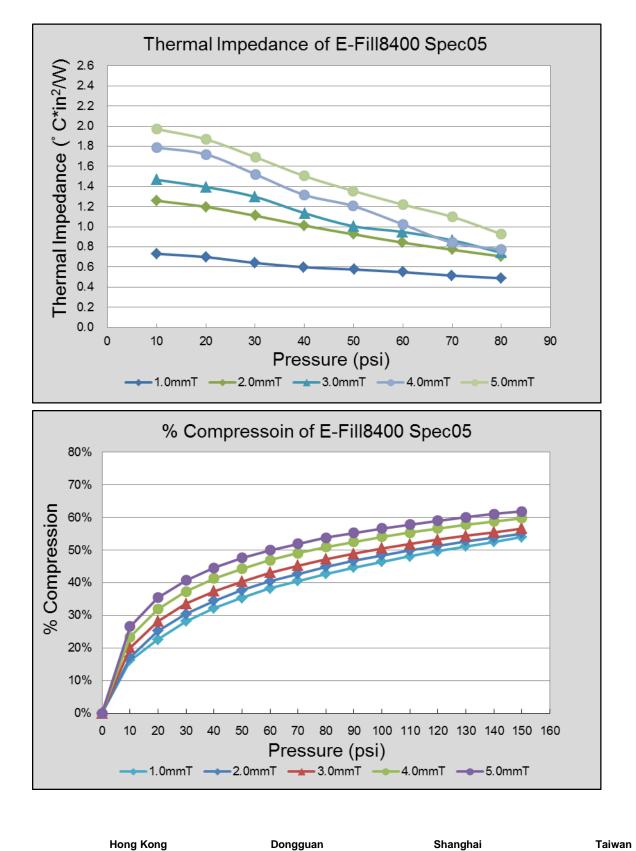
Properties	E-Fill 8400 Spec 05	Test Method
Construction & Composition	Soft silicone elastomer	—
Color	Pink	Visual
Thickness Range /inch (mm)	0.012"~0.40" (0.3~10.16) in 0.01" (0.254) increments	_
Standard Sheet Size	12" x 16"	—
Density /g.cm <sup>-3</sup>	2.56	—
Hardness /Shore 00	20	ASTM D2240
UL Flammability Rating	Conforms to UL94 V0	—
Temperature Range /℃	<b>-40~200</b> ℃	—
Thermal Conductivity W.m <sup>-1</sup> .K <sup>-1</sup>	2.5	ASTM D5470 (modified)
Breakdown Voltage /V	>5000 (Thickness ≤ 0.03")	ASTM D149
Shelf Life	24 months	

Please contact us for other special requirements



# E-FILL 8400 Spec 05

### THERMALLY CONDUCTIVE GAP PAD 2.5W/m-K



 Shanghai
 Lawan

 (86) 21-5868 3381
 (886) 2-2793 9055

 (86) 21-5868 3386
 (886) 2-2793 9501

 emeish@emeigroup.com
 emeitw@emeigroup.com

Specifications and appearances may change without notice. All statements, technical information and recommendations herein are based on tests that we believed to be reliable, but the accuracy and completeness are not guaranteed. Before using, user should determine the suitability of the product for its intended use, and the user assumes all risks and liabilities whatsoever in connection therewith. Neither the seller nor the manufacturer shall be liable for any loss or damage, direct, incidental or consequential, including loss of profits or revenues arising from the use or inability to use the product. Any statements or recommendations shall have no effect unless contained in a greement signed by authorized personnel of the seller and manufacturer.

(86) 769-8334 1628/3400

(86) 769-8334 2028/5656

emeidg@emeigroup.com

(852) 2686 8168

(852) 2686 8268

emeihk@emeigroup.com

Tel:

Fax:

E-mail:

www.emeigroup.co