

MP-100 | MP-120

K=10 & 12

10 & 12 shore A

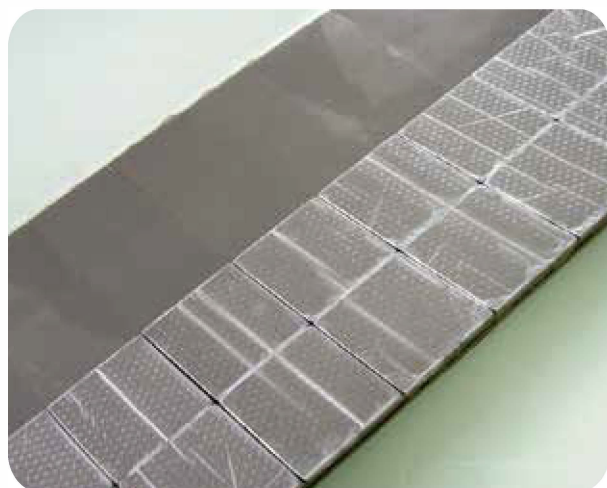
>3.5~16 KV

El.italia serie IMG-100, IMG-120



Thermal Silicone Pad

導熱矽膠



特色 Characteristic

- 具導熱性 Thermal conductive
- 高柔軟性及高壓縮性 High soft and compressible
- 自黏性佳 **Excellent natural tack**
- 高耐電壓值 Good insulator
- 可當緩衝材使用 Shock & vibration absorber
- 多種厚度可選擇 Available in varies thickness

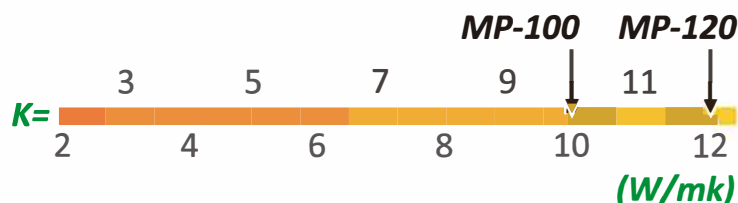
適用範圍 Usage

IC, CPU, GPU, MOS, LED, M/B, PSU, PS, Heat Sink, LCD-TV, CASE, NB, PC, HDD, DDR Module, DVD, etc.

物性 Properties	MP-100	MP-120	Unit	Test Method
顏色 Color	Dark gary	Gray	---	Visual
厚度 Thickness	0.25~5.0	0.5~3.0	mm	ASTM D374
導熱係數 Thermal conductivity	10.0	12.0	W/mk	ASTM D5470
比重 Specific Gravity	2.9±0.2	3.45±0.2	g/cm ³	ASTM D792
延展率 Elongation	<250±10	30±5	%	ASTM D412
抗拉強度 Tensile Strength	5±3	0.7	Kgf/cm ²	ASTM D412
硬度 Hardness	12±3	10±2	Shore A	ASTM D2240
重量損失 Weight Loss	<1	-	%	200°C(48hrs)
體積電阻 Volume Resistivity	>10 ¹¹	>10 ¹³	ohm·cm	ASTM D257
耐電壓 Insulation Strength	>3.5	16	KV	ASTM D149
耐溫範圍 Continuous Use Temp	-45~200	-50~200	°C	---

* 測試片標準厚度為1mm以上。 The test specimen is at least 1 mm thick.

導熱係數 Thermal conductivity



備註 Remark

- *MP-100 可添加玻璃纖維增強機械性 (P/N: MP-100FG)
MP-100 can add with fiberglass reinforced.
- *不可以加背膠
Pressure Sensitive Adhesive is not applicable.

蕭氏硬度 Shore Hardness Scales

