

### GAP FILLER

### IMG-55

#### FEAUTURE

- \* Thermal conductive
- \* High soft and compressible for high stress applications
- \* Excellent natural tack
- \* Good insulator
- \* Shock & vibration absorber
- \* Available in varies thickness

#### APPLICATIONS

IC CPU GPU MOS LED M/B  
 PSU PS HEATSINK LCD-TV  
 CASE NB PC HDD DDR-MODULE  
 DVD etc.

PROPERTY	UNIT	IMG-55	IMG-55A	TEST METHOD
MATERIAL	-	Silicone	Silicone	-
COLOUR	-	Dark grey	Dark grey	Visual
THICKNESS	mm	0.25~25	0.5~25	ASTMD374
THERMAL CONDUCTIVITY	W/mK	6	5,5	ASTMD5470
SPECIFIC GRAVITY	g/cm3	2.65±0.2	2.65±0.2	ASTM D792
ELONGATION	%	<220±10	<220±10	ASTMD412
TENSILE STRENGHT	Kgf/cm2	7±3	7±3	ASTMD412
HARDNESS	Shore A	4±3	40±5	ASTM D2240
WEIGHT LOSS	%	<1	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>12</sup>	>10 <sup>12</sup>	ASTMD257
INSULATION STRENGHT	KV	>4.5	>4.5	ASTM D149
CONTINUOUS USE TEMP	°C	-45~200	-45~200	-
FLAME RATING	-	94V-0	94V-0	UL94

- \* REACH Compliant/ RoHS Compliant
- \* The thickness of the test piece is 1 mm.
- \* Standard sheets size: 250x320 200x400

\* Custom shape upon request



### GAP FILLER

### IMG-70

#### FEAUTURE

- \* Thermal conductive
- \* High soft and compressible for high stress applications
- \* Excellent natural tack
- \* Good insulator
- \* Shock & vibration absorber
- \* Available in varies thickness

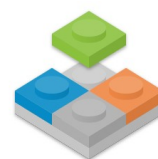
#### APPLICATIONS

IC CPU GPU MOS LED M/B  
 PSU PS HEATSINK LCD-TV  
 CASE NB PC HDD DDR-MODULE  
 DVD etc.

PROPERTY	UNIT	IMG-70	TEST METHOD
MATERIAL	-	Silicone	-
COLOUR	-	Dark red	Visual
THICKNESS	mm	0.25~25	ASTMD374
THERMAL CONDUCTIVITY	W/mK	7	ASTMD5470
SPECIFIC GRAVITY	g/cm <sup>3</sup>	3.0±0.2	ASTM D792
ELONGATION	%	<250±10	ASTMD412
TENSILE STRENGHT	Kgf/cm <sup>2</sup>	5±3	ASTMD412
HARDNESS	Shore A	10±3	ASTM D2240
WEIGHT LOSS	%	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>11</sup>	ASTMD257
INSULATION STRENGHT	KV	>4.5	ASTM D149
CONTINUOUS USE TEMP	°C	-45~200	-
FLAME RATING	-	94V-0	UL94

- \* REACH Compliant/ RoHS Compliant
- \* The thickness of the test piece is 1 mm.
- \* Standard sheets Size:250X320 200X400
- \* Adhesive on one or both sides upon request

**\* Custom shape upon request**



### GAP FILLER

### IMG-70Y

### FEAUTURE

### APPLICATIONS

- \* Thermal conductive
- \* High soft and compressible
- \* Excellent natural tack
- \* Good insulator
- \* Shock & vibration absorber

IC CPU GPU MOS LED M/B  
 PSU PS HEATSINK LCD-TV  
 CASE NB PC HDD DDR-MODULE  
 DVD etc.

PROPERTY	UNIT	IMG-70Y	TEST METHOD
MATERIAL	-	Silicone	-
COLOUR	-	Pink	VISUAL
THICKNESS	mm	0.3~3.0	ASTMD374
THERMAL CONDUCTIVITY	W/mK	7.0	ASTMD5470
SPECIFIC GRAVITY	g/cm <sup>3</sup>	3.24±0.2	ASTM D792
ELONGATION	%	50±10	ASTMD412
TENSILE STRENGHT	Kgf/cm <sup>2</sup>	1.6	ASTMD412
HARDNESS	Shore A	9±2	ASTM D2240
WEIGHT LOSS	%	-	200°C(48hrs)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>13</sup>	ASTM D257
INSULATION STRENGHT	KV	16	ASTMD257
CONTINUOUS USE TEMP	°C	-50~200	-

- \* REACH Compliant/ RoHS Compliant
- \* The thickness of the test piece is at least 1 mm.
- \* Standard sheet size: 250x320 200x400
- \* Adhesive coating not available

**\* Custom shape upon request**



### GAP FILLER

### IMG-100

#### FEATURE

- \* Thermal conductive
- \* High soft and compressible for high stress applications
- \* Excellent natural tack
- \* Good insulator
- \* Shock & vibration absorber
- \* Available in varies thickness

#### APPLICATIONS

IC CPU GPU MOS LED M/B  
 PSU PS HEATSINK LCD-TV  
 CASE NB PC HDD DDR-MODULE  
 DVD etc.

PROPERTY	UNIT	IMG-100	TEST METHOD
MATERIAL	-	Silicone	-
COLOUR	-	Dark Grey	Visual
THICKNESS	mm	0.25~25	ASTMD374
THERMAL CONDUCTIVITY	W/mK	10	ASTMD5470
SPECIFIC GRAVITY	g/cm <sup>3</sup>	2.9±0.2	ASTM D792
ELONGATION	%	<250±10	ASTMD412
TENSILE STRENGHT	Kgf/cm <sup>2</sup>	5±3	ASTMD412
HARDNESS	Shore A	12±3	ASTM D2240
WEIGHT LOSS	%	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>11</sup>	ASTMD257
INSULATION STRENGHT	KV	>3.5	ASTM D149
CONTINUOUS USE TEMP	°C	-45~200	-
FLAME RATING	-	94V-0	UL94

- \* REACH Compliant/ RoHS Compliant
- \* The thickness of the test piece is 1 mm.
- \* Standard sheets Size:250X320 200X400

**\* Custom shape upon request**

