

<b>GAP FILLER</b>	<b>IMG-15</b>
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<b>FEAUTURE</b>	<b>APPLICATIONS</b>
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| <ul style="list-style-type: none"> <li>* Thermal conductive</li> <li>* High soft and compressible</li> <li>* Low-stress applications</li> <li>* 1-sided inherent surface tack</li> <li>* Good insulator</li> <li>* Shock &amp; vibration absorber</li> </ul> | <p>IC CPU GPU MOS LED M/B<br/>         PSU PS HEATSINK LCD-TV<br/>         CASE NB PC HDD DDR-MODULE<br/>         DVD etc.</p> |
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PROPERTY	UNIT	IMG-15	TEST METHOD
MATERIAL	-	Silicone	-
COLOUR	-	White/Yellow	-
THICKNESS	mm	0,5~5.0	ASTMD374
THERMAL CONDUCTIVITY	W/m•K	1.5	ASTMD5470
SPECIFIC GRAVITY	g/cm <sup>3</sup>	1.82	ASTM D792
ELONGATION	%	30	ASTMD419
TENSILE STRENGHT	psi	>1000	ASTMD419
HARDNESS	Shore 00	10	ASTM D2240
BREAKDOWN VOLTAGE	KV/mm	16	ASTM D149
DIELECTRIC CONSTANT	1	5	ASTM D150
VOLUME RESISTIVITY	ohm•cm	>10 <sup>13</sup>	ASTM D257
INSULATION STRENGHT	KV	>6.0	ASTM D149
CONTINUOUS USE TEMP	°C	-50~200	-
FLAME RATING	-	V-0	UL94
T0.5mm THERMAL IMPEDANCE @ 14.5 psi	°C-in <sup>2</sup> /W	0.75	ASTMD5470

- \* REACH Compliant/ RoHS Compliant
- \* The thickness of the test piece is 1 mm.
- \* Standard sheet size: 250x320 200x400
- \* Fiberglass reinforced
- \* Adhesive on one or both sides upon request

**\* Custom shape upon request**



### GAP FILLER

### IMG-17

#### 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-17	IMG-17A	TEST METHOD
MATERIAL	-	Silicone	Silicone	-
COLOUR	-	Purple	Purple	Visual
THICKNESS	mm	0.25~25	0.5~25	ASTMD374
THERMAL CONDUCTIVITY	W/mK	1,7	2	ASTMD5470
SPECIFIC GRAVITY	g/cm3	1.8±0.2	1.9±0.2	ASTM D792
ELONGATION	%	75±10	70±10	ASTMD412
TENSILE STRENGHT	Kgf/cm2	7±3	7±3	ASTMD412
HARDNESS	Shore A	15±5	15±5	ASTM D2240
WEIGHT LOSS	%	<1	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>13</sup>	>10 <sup>13</sup>	ASTMD257
INSULATION STRENGHT	KV	>6.0	>6.0	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 300x300
- \* Fiberglass reinforced upon request
- \* Adhesive on one or both sides upon request

\* Custom shape upon request



### GAP FILLER

### IMG-17D

#### FEAUTURE

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

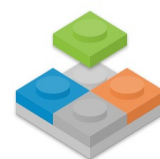
#### APPLICATIONS

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

PROPERTY	UNIT	IMG-17D	TEST METHOD
MATERIAL	-	Silicone	-
COLOUR	-	Grey	-
THICKNESS	mm	0.25~25	ASTMD374
THERMAL CONDUCTIVITY	W/m•K	1,9	ASTMD5470
SPECIFIC GRAVITY	g/cm <sup>3</sup>	1.8±0.2	ASTM D792
ELONGATION	%	75±10	ASTMD412
TENSILE STRENGHT	Kgf/cm <sup>2</sup>	7±3	ASTMD412
HARDNESS	Shore A	15±3	ASTM D2240
WEIGHT LOSS	%	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>13</sup>	ASTMD257
INSULATION STRENGHT	KV	>6.0	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 300x300
- \* Fiberglass reinforced upon request
- \*Adhesive on one or both sides upon request

**\* Custom shape upon request**



<b>GAP FILLER</b>	<b>IMG-17FB</b>
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### 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-17FB	IMG-17AFB	TEST METHOD
MATERIAL	-	Silicone	Silicone	-
COLOUR	-	Purple+Yellow	Purple+Yellow	Visual
THICKNESS	mm	0.5~25	0.5~25	ASTMD374
THERMAL CONDUCTIVITY	W/mK	1,7	2	ASTMD5470
SPECIFIC GRAVITY	g/cm3	2.0±0.2	2.1±0.2	ASTM D792
ELONGATION	%	<1	<1	ASTMD412
TENSILE STRENGHT	Kgf/cm2	70±5	70±5	ASTMD412
HARDNESS	Shore A	15±5	15±5	ASTM D2240
WEIGHT LOSS	%	<1	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>14</sup>	>10 <sup>14</sup>	ASTMD257
INSULATION STRENGHT	KV	>10	>10	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: 350x295 300X300
- \* Fiberglass reinforced
- \* Adhesive on one or both sides upon request

**\* Custom shape upon request**



### GAP FILLER

### IMG-19

#### 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-19	IMG-19Y	TEST METHOD
MATERIAL	-	Silicone	Silicone	-
COLOUR	-	Light grey	Light Yellow	Visual
THICKNESS	mm	0.25~25	0.25~25	ASTMD374
THERMAL CONDUCTIVITY	W/mK	1,9	1,6	ASTMD5470
SPECIFIC GRAVITY	g/cm3	1.7±0.2	1.7±0.2	ASTM D792
ELONGATION	%	<250±10	<250±10	ASTMD412
TENSILE STRENGHT	Kgf/cm2	10±3	10±3	ASTMD412
HARDNESS	Shore A	15±3	15±3	ASTM D2240
WEIGHT LOSS	%	<1	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>13</sup>	>10 <sup>13</sup>	ASTMD257
INSULATION STRENGHT	KV	>5.0	>5.0	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 300X300
- \* Fiberglass reinforced upon request
- \* Adhesive on one or both sides upon request

**\* Custom shape upon request**



<b>GAP FILLER</b>	<b>IMG-19FB</b>
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### 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-19FB	IMG-19YFB	TEST METHOD
MATERIAL	-	Silicone	Silicone	-
COLOUR	-	Light grey+Yellow	Light yellow+Yellow	Visual
THICKNESS	mm	0.5~25	0.5~25	ASTMD374
THERMAL CONDUCTIVITY	W/mK	1,9	1,6	ASTMD5470
SPECIFIC GRAVITY	g/cm3	2.0±0.2	2.0±0.2	ASTM D792
ELONGATION	%	<1	<1	ASTMD412
TENSILE STRENGHT	Kgf/cm2	70±3	70±3	ASTMD412
HARDNESS	Shore A	15±5	4±3	ASTM D2240
WEIGHT LOSS	%	<1	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 <sup>14</sup>	>10 <sup>14</sup>	ASTMD257
INSULATION STRENGHT	KV	>10	>10	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: 350x295 300X300
- \* Fiberglass reinforced
- \* Adhesive on one or both sides upon request

**\* Custom shape upon request**

