

SK-5899 SERIES

SK-5899

SILICONE SHEET WITH FIBERGLASS FOR HEAT PRESSING AND FOR SHOCK ABSORPTION

Thickness (mm)	0.5~1.5	ASTM D374
Hardness (Shore A)	75±5	ASTM D2240
Specific Gravity (g/cm ³)	1.2~1.6	ASTM D792
Tensile Strength (kgf/cm ²)	≥75	ASTM D395-03
Elongation (%)	≥150	ASTM D412
Temperature Range (°C)	-40~+250 / +300	-



****Product Color****

Remark: Above test result is from testing laboratory report, for your reference only.

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SK-5899 SERIES

SK-5899-HG8

ONE SIDE STICKY SILICONE SHEET WITH FIBERGLASS FOR
HEAT PRESSING AND FOR SHOCK ABSORPTION

Thickness (mm)	0.4~1.5	ASTM D751
Hardness (Shore A)	50±5	ASTM D2240
Specific Gravity (g/cm ³)	1.6	ASTM D792
Tensile Strength (kgf/cm ²)	>120	ASTM D412
Elongation (%)	>10	ASTM D412
Insulation Strength (Volt/mm)	>6000	ASTM D149
Weight Loss (@204 °C/24Hr)	<1	-
Temperature Range (°C)	-60~+180	-
Flammability Level	V-0	UL94



****Product Color****

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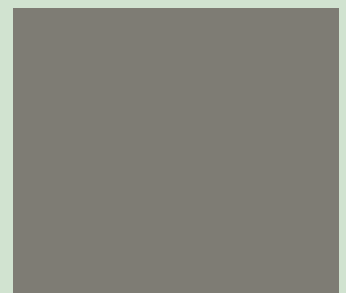
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SH-8799 SERIES

SH-8799X

FIBERGLASS REINFORCED HEAT SINK SILICONE RUBBER SHEET

Thickness (mm)	0.23/0.3/0.45	ASTM D374
Hardness (Shore A)	80±5	ASTM D2240
Specific Gravity (g/cm ³)	2.5	ASTM D792
Tensile Strength (kgf/cm ²)	190	ASTM D412
Elongation (%)	6.5	ASTM D412
Breakdown Voltage (Volt)	>6000	ASTM D149
Temperature Range (°C)	-60~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	2.0	ASTM D5470



****Product Color****

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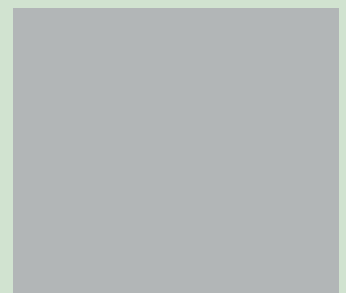
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SH-8799 SERIES

SH-8799Y

FIBERGLASS REINFORCED HEAT SINK SILICONE RUBBER SHEET

Thickness (mm)	0.23/0.3/0.45	ASTM D374
Hardness (Shore A)	80±5	ASTM D2240
Specific Gravity (g/cm ³)	2.25	ASTM D792
Tensile Strength (kgf/cm ²)	134	ASTM D412
Elongation (%)	7.35	ASTM D412
Breakdown Voltage (Volt)	>6000	ASTM D149
Temperature Range (°C)	-60~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	1.0	ASTM D5470



****Product Color****

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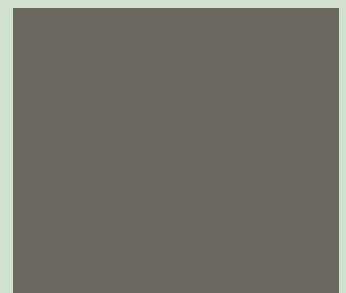
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SH-8799 SERIES

SH-8799Z

FIBERGLASS REINFORCED HEAT SINK SILICONE RUBBER SHEET

Thickness (mm)	0.23/0.3/0.45	ASTM D374
Hardness (Shore A)	80±5	ASTM D2240
Specific Gravity (g/cm ³)	2.25	ASTM D792
Tensile Strength (kgf/cm ²)	277	ASTM D412
Elongation (%)	6.9	ASTM D412
Breakdown Voltage (Volt)	>6000	ASTM D149
Temperature Range (°C)	-60~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	1.5	ASTM D5470



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TU-131 SERIES

TU-131MU-C7

THERMAL CONDUCTIVE NON-FIBER SILICONE RUBBER SHEET

Thickness (mm)	0.23/0.3/0.45	ASTM D374
Hardness (Shore A)	70±5	ASTM D2240
Specific Gravity (g/cm ³)	1.6±0.2	ASTM D792
Tensile Strength (kgf/cm ²)	≥22	ASTM D412
Elongation (%)	≥150	ASTM D412
Breakdown Voltage (Volt)	>10000	ASTM D149
Volume Resistance (Ω · cm)	2.0x10 ¹³	ASTM D257
Temperature Range (°C)	-60~+200	-
Flammability Level	94V-0	UL94
Thermal Conductivity (W/m-k)	2.0	ASTM D5470



****Product Color****

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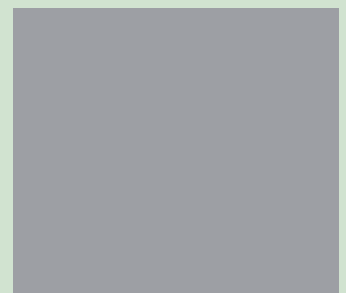
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TU-131 SERIES

TU-131MU-C8

THERMAL CONDUCTIVE NON-FIBER SILICONE RUBBER SHEET

Thickness (mm)	0.23~5.0	ASTM D374
Hardness (Shore A)	50±5	ASTM D2240
Specific Gravity (g/cm ³)	1.6±0.2	ASTM D792
Tensile Strength (kgf/cm ²)	≥40	ASTM D412
Elongation (%)	≥150	ASTM D412
Breakdown Voltage (Volt)	>10000	ASTM D149
Volume Resistance (Ω · cm)	2.0x10 ¹³	ASTM D257
Temperature Range (°C)	-60~+200	-
Flammability Level	94V-0	UL94
Thermal Conductivity (W/m-k)	1.0	ASTM D5470



****Product Color****

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TU-131 SERIES

TU-131T

HIGH THERMAL CONDUCTIVE SILICONE RUBBERS GAP FILLER

Thickness (mm)	0.3 ~ 18	ASTM D374
Hardness (Shore A)	23±3	ASTM D2240
Specific Gravity (g/cm ³)	2.4±0.2	ASTM D792
Tensile Strength (kgf/cm ²)	2.6±5	ASTM D412
Elongation (%)	34.2	ASTM D412
Insulation Strength (Volt/mm)	1000	ASTM D149
Temperature Range (°C)	-40~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	5.0	ASTM D5470



****Product Color****

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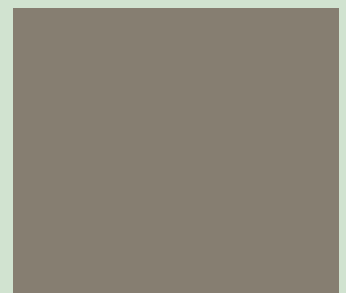
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TU-131 SERIES

TU-131Y

HIGH THERMAL CONDUCTIVE SILICONE RUBBERS GAP FILLER

Thickness (mm)	0.3~18	ASTM D374
Hardness (Shore A)	15±3	ASTM D2240
Specific Gravity (g/cm ³)	2.3±0.2	ASTM D792
Tensile Strength (kgf/cm ²)	5.4±5	ASTM D412
Elongation (%)	86.1	ASTM D412
Insulation Strength (Volt/mm)	1000	ASTM D149
Temperature Range (°C)	-40~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	3.0	ASTM D5470



****Product Color****

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TU-133 SERIES

TU-133T

ULTRA SOFT HIGH THERMAL CONDUCTIVE SILICONE RUBBERS GAP FILLER

Thickness (mm)	0.8~8.0	ASTM D374
Hardness (Shore A)	5±3	ASTM D412
Specific Gravity (g/cm ³)	2.1±0.2	ASTM D412
Tensile Strength (kgf/cm ²)	1.7±5	ASTM D2240
Elongation (%)	210	ASTM D792
Insulation Strength (Volt/mm)	1000	ASTM D149
Temperature Range (°C)	-40~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	3.15	ASTM D5470



****Product Color****

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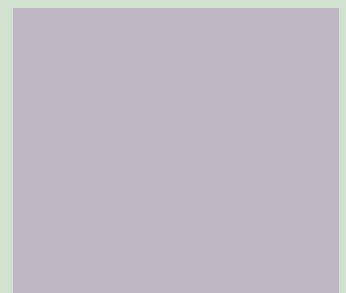
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TU-133 SERIES

TU-133YU

THERMAL CONDUCTIVE SILICONE RUBBER GAP FILLER

Thickness (mm)	0.5~18	ASTM D374
Hardness (Shore A)	23/17±3	ASTM D2240
Specific Gravity (g/cm ³)	2.1±0.2	ASTM D792
Tensile Strength (kgf/cm ²)	6.5/26.6±5	ASTM D412
Elongation (%)	0.2/42.7	ASTM D412
Insulation Strength (Volt/mm)	7000	ASTM D149
Temperature Range (°C)	-40~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	1.3	ASTM D5470



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TU-133 SERIES

TU-133Z

THERMAL CONDUCTIVE SILICONE RUBBER GAP FILLER

Thickness (mm)	0.3~18	ASTM D374
Hardness (Shore A)	35±3	ASTM D2240
Specific Gravity (g/cm ³)	2.3±0.2	ASTM D792
Tensile Strength (kgf/cm ²)	7.8±5	ASTM D412
Elongation (%)	92.3	ASTM D412
Insulation Strength (Volt/mm)	2000	ASTM D149
Temperature Range (°C)	-40~+200	-
Flammability Level	V-0	UL94
Thermal Conductivity (W/m-k)	1.5	ASTM D5470



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HN-7199 SERIES

HN-7199

SILICONE WITH MYLAR

Thickness (mm)	0.2 ~ 0.7	ASTM D374
Hardness (Shore A)	70±5	ASTM D2240
Dielectric Breakdown Voltage (KV)	>4	ASTM D149
Eight Kinds of Heavy Metal Test	N.D.	EN71
Water Absorption (%)	0.70%	ASTM D570
Light Transmissivity (%)	0%	CNS-5855
Tensile Strength (kgf/cm ²)	7.68 ~ 10.5±1	ASTM D5412



****Product Color****

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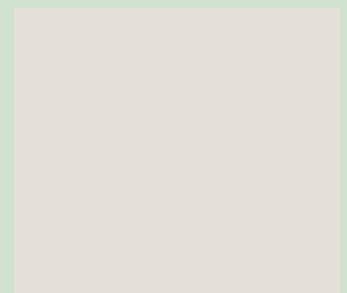
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KH-1799 SERIES

KH-1799

SILICONE SHEET

Thickness (mm)	0.1~1.25	ASTMD 374
Hardness (Shore A)	50±5	ASTMD 2240
Specific Gravity (g/cm ³)	1.12~1.4	ASTMD 729
Tear Strength (kgf/cm ²)	≥10	ASTMD 624
Elongation (%)	≥200	ASTMD 412
Tensile Strength (kgf/cm ²)	55	ASTMD 412
Continuous use temp. (°C)	-40~ - 200	-



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PCB Laminated Cushion Pad

Color (Visual)	Red	-
Reinforcement Layer	Fiberglass	-
Total Thickness (mm)	1±0.1	ASTM D374
Operating Temperature (° C)	-40~>+250	-
Specific Gravity (g/cm³)	1.6	ASTM D792
Hardness (Shore A)	70±5	ASTM D2240
RoHS Compliant	Yes	Lab. Certification



****Product Color****

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UO-5699 SERIES

FLUORINE RUBBER WITH FIBERGLASS REINFORCEMENT

Thickness (mm)	1.0	ASTM D374
Hardness (Shore A)	70±5	ASTM D2240
Specific Gravity (g/cm ³)	1.8	ASTM D792
Tensile Strength (mpa)	9.1	ASTM D395-03
Elongation (%)	180	ASTM D412
Operation Temperature (°C)	-20~+260	-

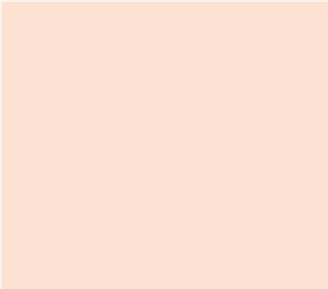
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PCB Laminated Cushion Pad

Color (Visual)	Beige	-
Reinforcement Layer	Fiberglass	-
Dimension (mm)	500 x 370	ASTM D374
Total Thickness (mm)	2.5 ± 0.2	ASTM D374
Operating Temperature (°C)	-40~>+250	-
Specific Gravity (g/cm ³)	1.6	ASTM D792
Hardness (Shore A)	70±5	ASTM D2240
RoHS Compliant	Yes	Lab. Certification



****Product Color****

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