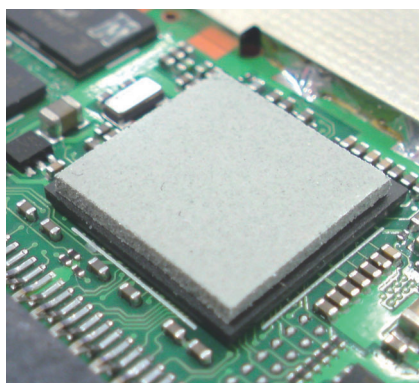
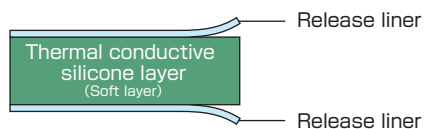




Silicone base 3W/m·K thermal conductive sheet

Features

- Soft, high thermal conductive sheet.
- Minimal volatile, low-molecular weight siloxane gas for reduced PCB contact failure.



(The values are measured values, but not the product specifications or guaranteed.)

Test type	Unit	Standard	SPV
Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	3.0
		ISO22007-2 (Hot Disc method)	2.3
Color	—	—	Green
Thickness	mm	—	0.5/1.0
Specific Gravity	—	JIS Z 8807	2.2
Hardness*1	ASKER C	JIS K 7312	40
	Shore OO	ASTM D 2240	69
Tensile strength	MPa	JIS K 6251	0.49
Elongation rate	%	JIS K 6251	59
Volume Resistivity	Ω·cm	JIS K 6911 compliant	2.0×10 ¹¹
Breakdown voltage	kV/mm	JIS C 2110-1 compliant	0.69
Withstanding voltage	kV/mm	JIS C 2110-1 compliant	0.3
Tracking resistance	—	JIS C 2134	PLC:0 (600V or higher) (t=3.0mm)
Dielectric constant	1MHz	Company standard	35.1
Loss tangent	1MHz	Company standard	0.07
Flammability	—	UL94	V-1 (t=0.5mm)
Operating temp	℃	—	-20~125
Available max. dimension*2	mm	—	215×500

*1) Measured Ultra soft/Super soft/Soft layer, minimum 10mm stacked.

*2) For usable dimensions, custom cuts, and material yield, contact your local sales department.