

# CSC THERMAL CONDUCTIVE PAD

## TP-S1000 Series

### Description & Applications

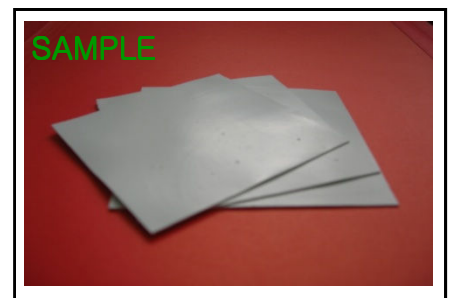
TP-S1000 gel type has a very low hardness and is specially designed for the shock absorbing and vibration dampening applications. The soft and self sticky properties allows the pads to apply to large sized heat dissipating devices.

- Telecommunication Devices (Router)
- Power Industries (SMPS)
- Flat Panel Displays (PDP, LCD)



### Main Features

- Thermal conductivity = 0.5 ~ 1.0 W/mK
- Self sticky properties
- Very low hardness
- Electrically insulating



### Specifications

ITEM	TP-S1000	METHOD
<b>Mechanical</b>		
Color*	Gray	Visual
Thickness (mm)	0.1 ~ 5.0	ASTM D374
Density (g/cc)	1.83	ASTM D792
Hardness (Shore 00)	7	ASTM D2240
Tensile Strength (kgf/cm <sup>2</sup> )	2	ASTM D412
Use Temp. (°C)	-60 ~ 200	-
<b>Electrical</b>		
Dielectric Breakdown Voltage (V)	> 6,000	ASTM D149
Volume Resistivity (Ω · cm)	10 <sup>13</sup>	ASTM D257
<b>Thermal</b>		
Thermal Conductivity (W/mK)	1.0	ASTM C518-98 (Modified)
Flame Rating (UL94)	V-0	File No. E258204

※ Pad color can be adjustable upon request