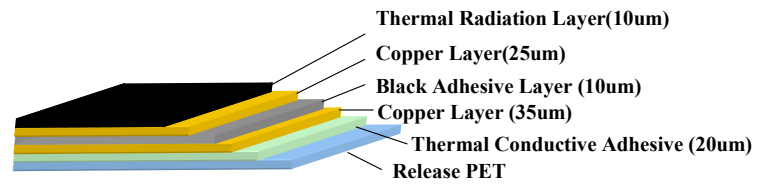




### Layer Information



### Feature

- Excellent thermal conductivity (about 400W/m.K)
- Low thermal resistance
- ROHS compliant
- Thickness 100um

### Applications

- Handheld device like smart phone, tablet PC and potable devices
- Large display (LCD, PDP, OLED Display)
- Lighting systems (LED light)
- Power device and systems

### Product Description

TCS100T is a pure copper sheet which has a high thermal conductivity even though it is extremely thin which is with thermal radiation layer and thermal conductive adhesive. It is available to provide solutions to the thermal management and heat-sinking in limited space or further heat-sinking. TCS100T is thin, light and perfect workability making custom shape as customer wants.

### Materials

- Cu/Adhesive □ Pure Graphite □ Artificial Graphite

### Characteristics

| ITEM                 | Standard  | Reference                |
|----------------------|-----------|--------------------------|
| Top Layer Color      | Dark Gray | -                        |
| Thickness            | 0.1±10%   | (mm)                     |
| Adhesive Strength    | Min 1500  | (gf/25mm),ASTM D3330     |
| Thermal Conductivity | 400±50    | (W/m.K), X-Y axis        |
|                      | 7±1       | (W/m.K), Z-axis          |
| Tensile Strength     | Over 80   | ASTM D882                |
| Elongation           | 0.8       | (%), ASTMD882            |
| Thermal Shock        | O.K       | 100℃ 72Hrs               |
| Heat Resistance      | O.K       | 100℃ 72Hrs               |
| Layer Information    | 10um      | Thermal Radiation Layer  |
|                      | 75um      | Copper Layer             |
|                      | 20um      | Thermal Conductive Layer |
|                      | 75um      | Release PET Liner        |