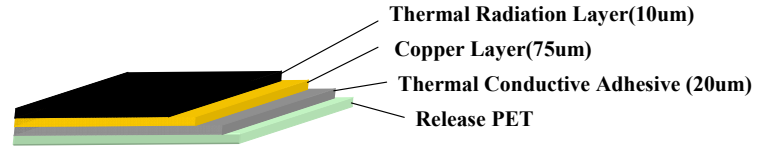




### Layer Information



### 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

TCS075A 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. TCS075A 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