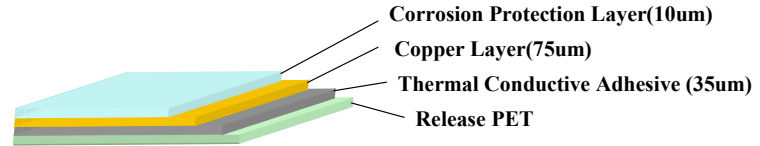




### Layer Information



### Feature

- Excellent thermal conductivity (about 500W/m.K)
- Low thermal resistance
- ROHS compliant
- Thickness 120um

### 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

**TCS120C** is a pure copper sheet which has a high thermal conductivity even though it is extremely thin which is with corrosion protection 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. **TCS120C** 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	Light Orange	-
Thickness	0.12±10%	(mm)
Adhesive Strength	Min 1500	(gf/25mm),ASTM D3330
Thermal Conductivity	500~800	(W/m.K), X-Y axis
	210±20	(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	Corrosion Protection Layer
	75um	Copper Layer
	35um	Thermal Conductive Layer
	75um	Release PET Liner