

## Technical Data – HB060TC

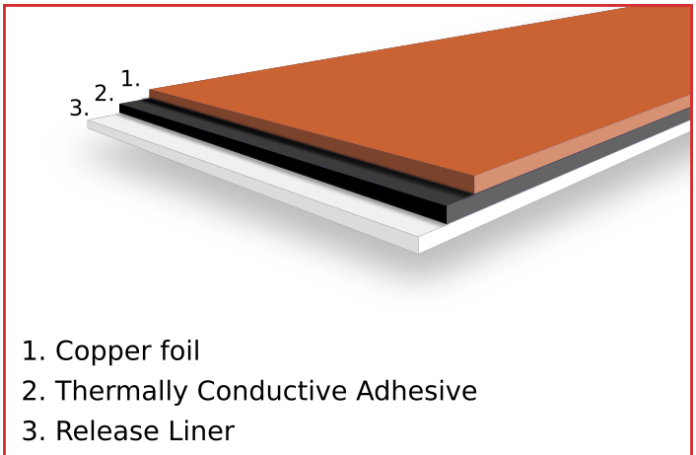
### Product description

- Thermal Diffusivity Tape
- High Interface Performance
- Thin / Low Cost / Easy Design

### Construction

- Copper: Fast heat spread
- Adhesive: With graphite adhesive
- Liner: Easy release liner

### Technical data



1. Copper foil
2. Thermally Conductive Adhesive
3. Release Liner

Item	Unit	Spec.	Remarks
<b>Total thickness</b>	µm	60 (-5, +10)	Thickness Gauge
<b>Adhesive strength</b>	gf / inch	> 800	180° Peel / PET 25µm / SUS 304
<b>Contact resistance – TOP</b>	Ω / inch	Conductivity	1 inch surface resistance
<b>Contact resistance – BOTTOM</b>	Ω / inch	< 10 <sup>6</sup> Ω	1 inch surface resistance
<b>Thermal conductivity (X-Y axis)</b>	W/m.K	320	Copper's Property
<b>Thermal conductivity (X-Y axis)</b>	W/m.K	227 ↑	NETZSCH LFA (Aju Univ.)
Under the same conditions ( LFA ) measured. Film – coated graphite & HB060TC has similar performance 100~200W/m.K			
<b>Operating Temperature</b>	°C	-10 ~ 90	-

### Application:

1. Mobile phone: Dual Core CPU / Firm / Battery (Cover)
2. LED TV, Notebook, Tablet PC and thin Electronics devices with High Efficiency
3. Heat Spreader for variety of applications
4. Currently in the approval for Mobile phone and Video equipments

Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Hi-Bond Tapes Ltd. will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.



### High Performance Tapes and Adhesive Products

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