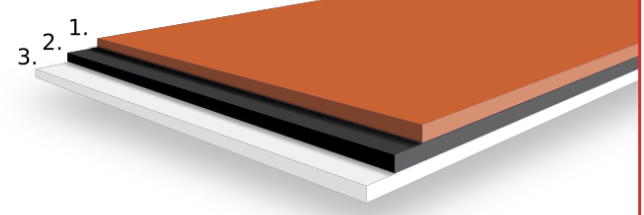
Technical Data – HB060TC

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



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

Technical data

Item	Unit	Spec.	Remarks
Total thickness	µm	60 (-5, +10)	Thickness Gauge
Adhesive strength	gf / inch	> 800	180° Peel / PET 25µm / SUS 304
Contact resistance – TOP	Ω / inch	Conductivity	1 inch surface resistance
Contact resistance – BOTTOM	Ω / inch	< 10^6 Ω	1 inch surface resistance
Thermal conductivity (X-Y axis)	W/m.K	320	Copper's Property
Thermal conductivity (X-Y axis)	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			
Operating Temperature	°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

High Performance Tapes and Adhesive Products
1 Crucible Road, Phoenix Parkway, Corby, Northamptonshire NN17 5TS
Telephone: +44 (0)1536 260022 Fax: +44 (0)1536 260044
email: sales@hi-bondtapes.co.uk
www.hi-bondtapes.com
Company Registration No. 3985595