



## Technical Data – HB-TB180

### Thermal Barrier Sheet

#### Product description

- Ultra Heat Resistance
- The highest rated flame resistant performance in UL94-5VA
- No piercing or burning result when heated with about 1300°C Butane torch for more than 10 minutes.
- Extremely low thermal conductivity
- Very thin and high strength, flexible sheet.
- Low volatile gas emission, no smoke.

#### Construction

- Non-flammable coated layer
- Fiber Glass
- Non-flammable coated layer

#### Technical data

Item	Unit	Spec.	Test Method
Thickness	µm	180 µm	ASTM D3652
Colour (cover)	-	Ivory	-
Basic Weight	g/m <sup>2</sup>	270	ASTM D202
Thermal Conductivity	W/M.k	0.08	ASTM D5470
Tensile Strength	Kgf/mm <sup>2</sup>	14.97	TD
Flame Rating	-	UL94 5VA	Equivalent
Dielectric Breakdown	-		
Voltage	KV AC	Min. 4	10mA
RoHS	-	PASS	-
Incombustible Performance	-	PASS	1300°C/10min

#### Note

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

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

