



## Technical Data – HB-TB400

### Ultra Flame Retardant thermal 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

- Super flame retardant composite coating agent
- Glass filament
- Super flame retardant composite coating agent
- Thermal barrier tape

#### Technical data

Item	Unit	Spec.	Test Method
Thickness	µm	400 µm (±40)	ASTM D3652
Colour (cover)	-	White/Orange	-
Weight	g/m <sup>2</sup>	570	-
Thermal Conductivity	W/M.k	0.09	ASTM D5470
Tensile Strength	Kgf/mm <sup>2</sup>	15↑	MD
	Month	15↑	TD
Flame Resistance	UL94	5VA	-
Dielectric Breakdown Voltage	KV AC	4kV ↑	10mA
180° Peel Strength	N/cm	1.2	KS T 1028
Nonvolatile content (Isobutene-isoprene)	%	99.8	KS M 2095
RoHS	-	Not Detected	-
Incombustible Performance	-	OK	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

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