

# Technical Data – HBA400SH

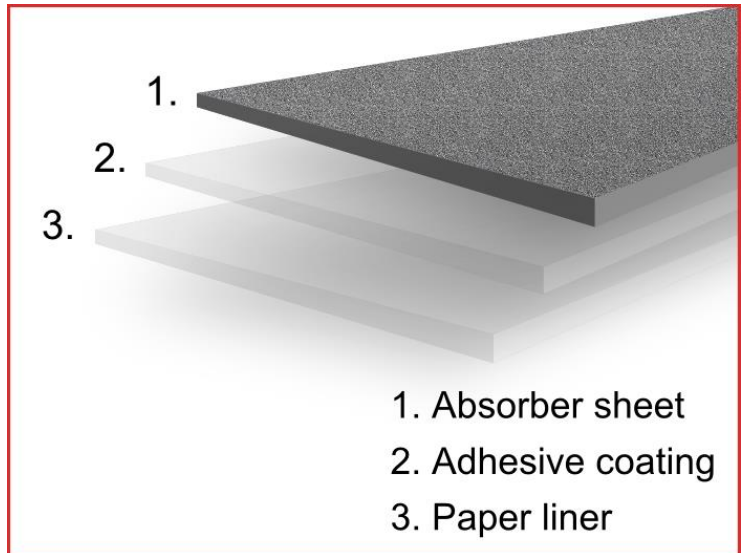
## Product description

- proprietary formulation of Fe and four other synthesised metals in a flake format layered and calendered with a special resin
- magnetic, conductive and thermal properties
- absorbs electro-magnetic waves, interference and converts the associated waves into heat

## Construction

- Absorbing material
- Adhesive coating
- Paper liner

## Technical data



Item	Unit		Spec.		Test method
Standard thickness	µm	inch	500	0.02	-
Permability (at 1 MHz)	µ'	-	28	-	-
Temperature range	°C	°F	-25~125	-13~257	-
Specific gravity	g/cm <sup>3</sup>	-	2.8 ± 0.3	-	-
Tensile strength	kg/cm <sup>2</sup>	lb/inch	>100	>645.16	-
Surface Electrical resistance (min)	Ω	-	1 x 10 <sup>7</sup>	-	-
Thermal Conductivity	W/m-K	-	0.8±0.1	-	-
Elongation	%	-	≥60	-	-
Environment	RoHS Compliant, Halogen Free				

## Application

There are a wide range of applications throughout the electronics industry, where EMI /RFI prevention is required, in metal electrical cabinets, between PCBs.

## 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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