



## Technical Data – HBA500SC

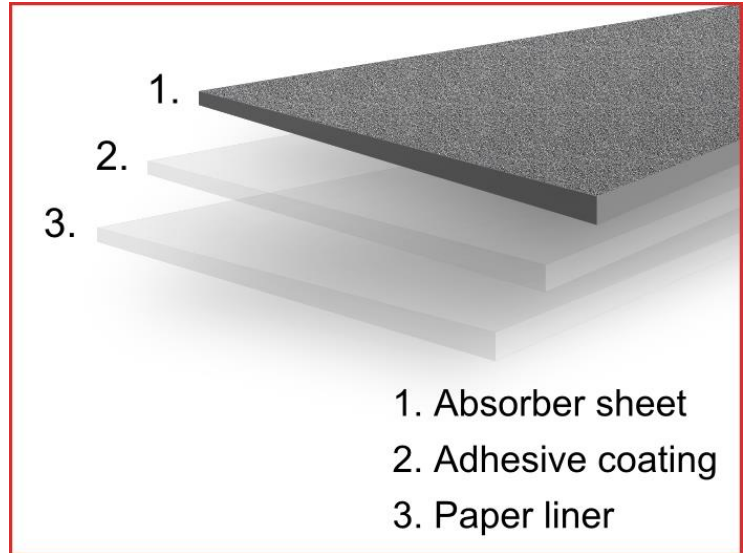
### Product description

- designed for NFC Near Field Communication
- high permeability
- allows for wireless communication in the 13.56 MHz frequency band

### Construction

- Absorbing material
- Adhesive coating
- Paper liner

### Technical data



Item	Unit		Spec.		Test method
Standard thickness	μm	inch	100	0.004	-
Permeability (at 1 MHz)	μ'	-	100	-	-
Temperature range	°C	°F	-25~125	-13~257	-
Specific gravity	g/cm <sup>3</sup>	-	3.3 ± 0.3	-	-
Tensile strength	kg/cm <sup>2</sup>	lb/inch	>100	>645.16	-
Surface Electrical resistance (min)	Ω	-	1 x 10 <sup>8</sup>	-	-
Thermal Conductivity	W/m-K	-	0.8±0.1	-	-
Elongation	%	-	≥60	-	-
Environment	RoHS Compliant, Halogen Free				

### Application

Short distance wireless communication from smartphone.

### 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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