

Datasheet of NFC Sticker

NFC sticker, without anti-metal layer, is widely used for promotional advertising and Data transfer when stuck on poster or windows, be encoded with URL, text, etc.

It can be also used on mobile phone, come with anti-metal layer, used for access control, ePayment, etc.

The NFC stickers be embedded with ISO14443A Mifare series chips, most are Mifare 1K, Mifare Ultralight. The new chip NTAG203 is especially used for NFC.

Come with 3M adhesive glue, could do logo printing.



Item	Specification
Operating Frequency	13.56MHz
Standard	ISO14443A/B, ISO15693
Chip	NTAG203, Mifare 1K, Mifare Ultralight, Mifare Desfire, I CODE SLI, etc
Dimension	50x50, 45x45, 35x35, 40x25, Dia.25/35/45/50mm, size is customized.
Thickness	0.35mm(0.6mm with anti-metal layer)
Over layer Material	Paper, PVC, PET
Substract Material Transponder	PET + AL antenna
Antenna	AL Etching with thickness 0.03mm , Copper coil Altrasonic Embeding;
Bonding	FLIP chip
Read range	10cm, depend on the reader and tag antenna size.
Write Endurance	100,000 cycles
Data Retention	10 years
Withstand voltage	$\leq 5N/mm^2$, Waterproof Glue (Optional)
Preprinting	Offset Printing, Digital Printing,
ID number coding	Jet Dot printing, Thermal Transfer Printing, Optional: Digital Printing
Metal Environment (Optional)	With additional 0.5mm thickness ferrite layer,enable working directly on Metal surface or Environment.
Working temperature	-25℃ ~ +55℃
Store temperature	-25℃ ~ +60℃
Packaging	In Roll / In sheet / Single piece Maner of Packing: Shrink wrap, Moistureproof packing, Neutral Packing, Packing: upon requests.

Applications

Smart Poster/
Promotional Advertising/
Logistics / Identification
Asset Tracking /
Inventory Management /
ePayment / E-ticket /
Aviation luggage tag /
Apparel Tag /
Libaray Books Label /
Industrial and Commercial item label

