



SKU:	RS-N424DT-TE-50D25
Chip Type:	NXP NTAG® 424 DNA TT
Frequency:	HF 13.56 MHz
User Memory:	416 bytes
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A IEC/ISO 7816-4 NFC Forum Tag Type 4
Industry:	Retail, Healthcare, Jewelry, Apparel and Fashion, Collection
Applications:	Brand Protection, NFC, Jewelries & Sunglasses, Product Authentication



NXP NTAG® 424 DNA TT NFC Tamper Evident Label

The 50×25mm NXP NTAG® 424 DNA TT NFC Label is a compact, tamper-evident NFC tag designed for secure product authentication and enhanced consumer engagement. Powered by the advanced NTAG® 424 DNA TT chip, it features AES-128 encryption, tamper detection, and dynamic URL generation to effectively prevent cloning and unauthorized access.

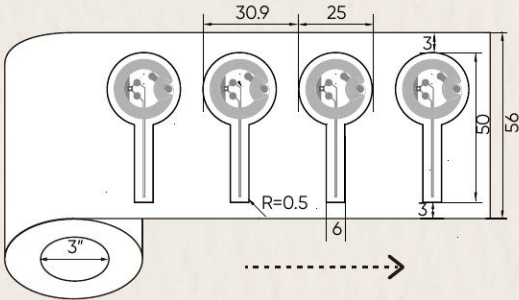
Its small form factor makes it ideal for integration into product packaging and closures, particularly for high-value items, pharmaceuticals, and supply chain security applications. The label is fully compatible with NFC-enabled smartphones, enabling secure, frictionless interaction – no app required.

Physical Information	Material	Coated Paper
	Top Round Section	Ø25 mm
	Total Label Height	50 mm
	Operating Environment	-20°C~50°C, 20%~80% RH
	Storage Environment	18°C~28°C, 40%~60% RH
	Mounting Method	Stick
	Surface	Paper Carton, Plastic, Wood
	Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones,do not use.

Technical Information	Operating Frequency	13.56 Mhz
	Communication Protocol	ISO/IEC 14443-A, ISO/IEC 7816-4, NFC Forum Tag Type 4
	Read Range	Up to 10 cm
	Chip Type	NXP NTAG® 424 DNA TT
	User Memory	416 bytes
	UID Memory	7 bytes
	Authentication	Standard AES-128 cryptography or LRP wrapped AES operation

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag.
	Roll OD	Max.152 mm
	Core ID	3 inch/76.2 ± 0.50mm
	Packing Quantity	1000 pcs/roll, weight per roll 0.691kg

Label Dimensions
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
 ● **Product Updates and Revisions:** [rfidbridge.com](https://www.rfidbridge.com) may change products, specs, or services at any time without prior notice.
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