



NXP NTAG® 424 DNA TT NFC Tamper Evident Label

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



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.

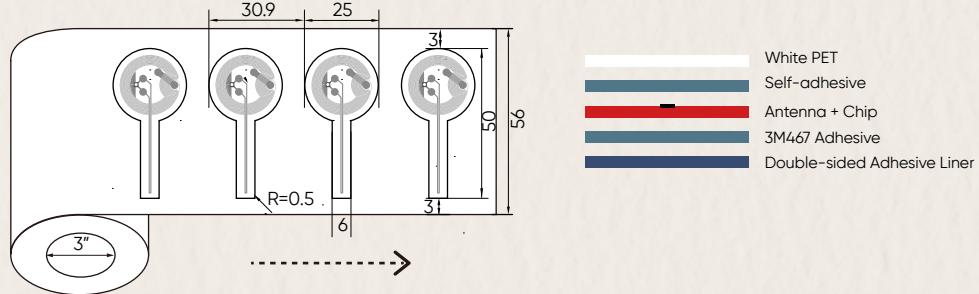
Its small form factor makes it ideal for integration into product packaging and closures, particularly for high-value items, pharmaceuticals, and supply chain security applications. The label is fully compatible with NFC-enabled smartphones, enabling secure, frictionless interaction – no app required.

Physical Information	Material	Tamper-evident
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. Inlays 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, vacuumed 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:** RFIDSolution.com may change products, specs, or services at any time without prior notice. ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications. ● **Legal Notice:** Information is believed accurate but may change. RFIDSolution.com is not liable for use-related issues or outcomes.