



NXP® NTAG® 424 DNA NFC Tamper Evident Label

SKU:	RS-424-3M-D25T
Chip Type:	NXP® NTAG® 424 DNA
Frequency:	HF 13.56 MHz
User Memory:	416 bytes
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, NFC Forum Type 4, ISO/IEC 7816-4
Industry:	Retail, Healthcare, Jewelry, Apparel and Fashion, Collection
Applications:	Brand Protection,NFC, Jewelries & Sunglasses, Product Authentication, Document Management, Social Engagement



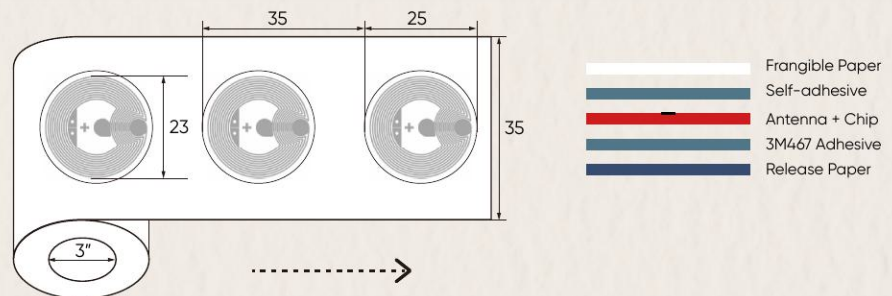
Experience superior protection with our Ø25mm Tamper-Evident NFC label, powered by the advanced NXP® NTAG® 424 DNA chip and reinforced with high-performance 3M adhesive. Meticulously engineered, the label is designed to self-destruct upon any attempt at removal, breaking both the label and its integrated antenna. This intelligent design delivers a dual-layer security solution – combining robust physical tamper-resistance with the cutting-edge cryptographic features of the NTAG® 424 DNA chip – to ensure comprehensive protection for your assets.

Physical Information	Material	Frangible Paper & 3M467
	Label Size	Ø25 mm
	Antenna Size	Ø23 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, NFC Forum Type 4, ISO/IEC 7816-4
	Read Range	Up to 10 cm
	Chip Type	NXP® NTAG® 424 DNA
	User Memory	416 bytes
	UID Memory	7 bytes
	Security Features	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 ± 0.50 mm
	Packing Quantity	1000 pcs/roll, weight per roll 0.34 kg

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 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. rfidbridge.com is not liable for use-related issues or outcomes.