



NXP® NTAG®424 DNA Label

SKU: RS-424-ClearPET3M-D17

Chip Type: NXP® NTAG®424 DNA

Frequency Band: HF 13.56 MHz

Protocol: ISO/IEC 14443-A,
ISO/IEC 7816-4,
NFC Forum Type 4

User Memory: 416 bytes

UID Memory: 7 bytes

Read Range: Up to 10 cm

Industry: Retail, Jewelry, Apparel and Fashion, Collection

Applications: Brand Protection, Jewelleries & Sunglasses,
NFC, Product Authentication, Document
Management, Social Engagement



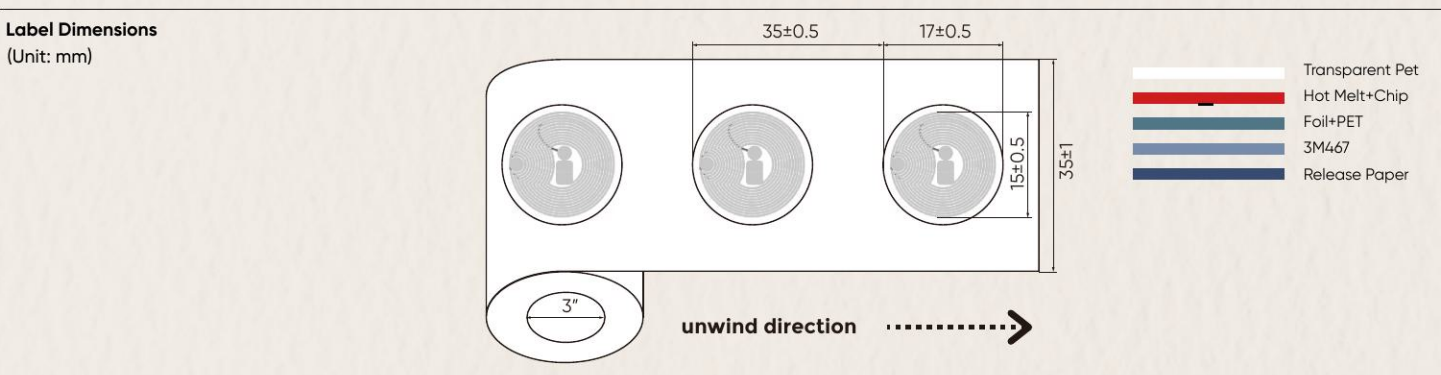
The NXP® NTAG® 424 DNA NFC Label delivers advanced product security and interactive engagement in a compact 17 mm clear PET design. Featuring AES-128 encryption and Secure Unique NFC (SUN) authentication, it provides reliable brand protection against counterfeiting while ensuring a seamless and trustworthy digital experience for consumers.

Lightweight yet durable, this clear NFC label can be discreetly applied to a wide range of products, from luxury goods and consumer electronics to pharmaceuticals and smart packaging. With a simple tap, customers can instantly verify authenticity, access exclusive content, and connect directly with the brand—strengthening trust while creating engaging digital touchpoints.

Physical Information	Material	Clear PET & 3M Adhesives
	Label Size	Ø17 mm
	Antenna Size	Ø15 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
	Protocol	ISO/IEC 14443-A, ISO/IEC 7816-4, NFC Forum Type 4
	Chip Type	NXP® NTAG®424 DNA
	Read Range	Up to 10 cm
	User Memory	416 bytes
	UID Memory	7 bytes
	Security Features	Standard AES-128 cryptography or LRP wrapped AES operation
	Advanced Data Protection	SUN message authentication
	Common Criteria Certification	EAL4 for both Hardware and Software
	Anti-collision	Support

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max.185 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 Pcs/roll, per roll 0.9 kg



● **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.
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