



SKU: RS-424-PET3M-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



NXP® NTAG®424 DNA Label

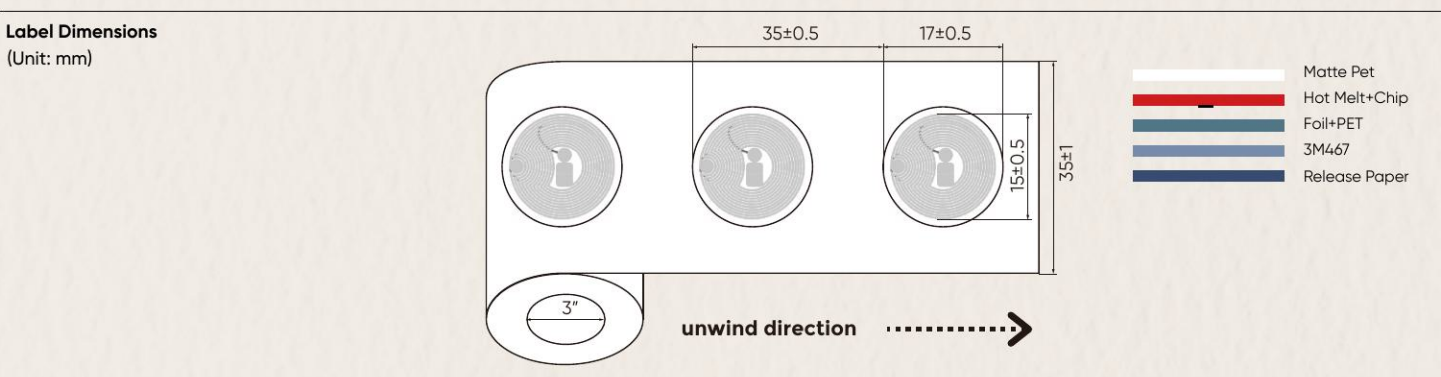
The NXP® NTAG® 424 DNA NFC Label combines next-generation security with seamless connectivity, making it the ideal choice for brands seeking both protection and engagement. Powered by AES-128 encryption and Secure Unique NFC (SUN) authentication, it ensures products remain safe from counterfeiting while enabling trusted digital interactions.

Crafted with a durable PET material and 3M adhesives, it compacts 17 mm diameter design, this label can be easily integrated into a wide range of applications, from brand protection and product authentication to smart packaging and interactive marketing. With just a tap, consumers gain instant access to exclusive content, enhancing trust and building stronger connections with the brand.

Physical Information	Material	Matte 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 0.28 kg



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
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