



NXP® NTAG®424 DNA Label

SKU: RS-424-UPP-D30

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



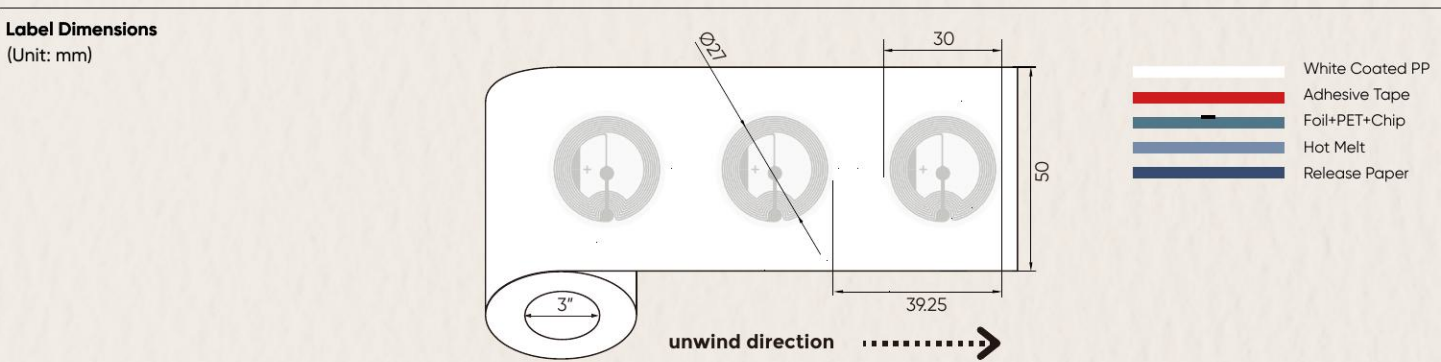
The NXP® NTAG® 424 DNA PP Synthetic Paper NFC Label is a next-generation security-focused NFC solution, designed to deliver both durability and advanced data protection. Built with NXP's NTAG® 424 DNA chip, it supports AES-128 cryptographic security, secure unique NFC message (SUN) authentication, and enhanced privacy features, ensuring robust protection against cloning and unauthorized access. Its synthetic paper material makes the label highly reliable for everyday use across diverse environments.

Ideal for brand protection, product authentication, secure access, and interactive customer engagement, this NFC label allows users to verify product authenticity and access exclusive digital content with a simple tap. By combining strong security with durable material design, it enables businesses to enhance consumer trust, prevent counterfeiting, and create smarter, more engaging customer experiences.

Physical Information	Material	White Coated PP
	Label Size	Ø30 mm
	Antenna Size	Ø27 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
	Anti-collision	Support

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max.205 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 Pcs/roll, per roll 0.31 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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