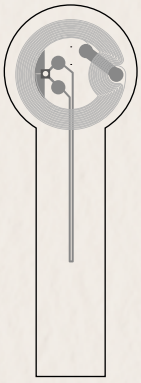
RFID SOLUTION

BrandGuard™ NFC Labels

SKU:	RS-N424DT-BG-70D25
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



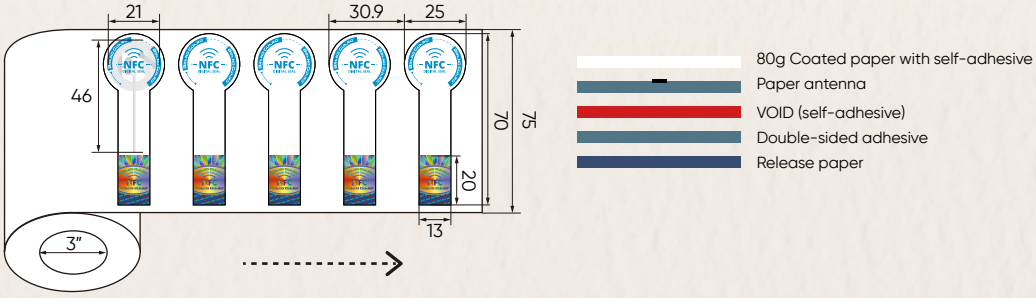
The NXP NTAG®424 DNA TT NFC Label is a high-security, tamper-evident smart label for product authentication and anti-counterfeiting. Featuring dynamic encryption and tamper detection, it's ideal for premium beverages, luxury goods, pharmaceuticals, and collectibles. Its cold-resistant adhesive ensures reliable performance in low-temperature, high-humidity environments, enabling secure NFC and QR-based interactions like product info and promotions.

Physical Information	Material	Tamper-evident
	Top round section	Ø25 mm
	Total label height	70mm
	Operating Environment	-20℃~50℃, 20%~80% RH
	Storage Environment	18℃ ~ 28℃, 40%~60% RH
	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
	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.185 mm
	Core ID	3 inch/76.2 ± 0.50mm
	Packing Quantity	1000 pcs/roll, N.W: 0.5kg/roll

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.

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