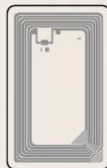




ST Microelectronics ST25TV02K® NFC Label



SKU:	RS-TV02K-PET3M-8654
Chip Type:	ST Microelectronics ST25TV02K®
Frequency:	HF 13.56 MHz
User Memory:	250 bytes
UID Memory:	8 bytes
Protocol:	ISO/IEC 15693 NFC Forum Type 5
Industry:	Retail, Apparel and Fashion, Events, Catering, Jewelry
Applications:	Inventory, NFC, Social Engagement, Brand Protection, Product Authentication



The NFC Label (85.5×54 mm) is built on ST Microelectronics advanced ST25TV02K® chip, supporting ISO/IEC 15693 and NFC Forum Type 5 standards for long-range, reliable, and secure communication. With 2K bits of user memory and features such as password protection and tamper detection, this label ensures safe data storage and authentication while maintaining stable read performance. Its credit card-sized format provides a practical and versatile design for a wide range of applications.

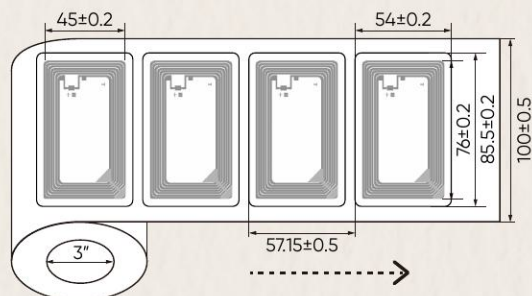
Perfect for access control, identification, asset tracking, library management, and smart packaging, this large-format NFC label is compatible with both NFC-enabled smartphones and professional RFID readers, delivering an excellent balance of security, usability, and durability. Whether in industrial, educational, or consumer-focused environments, it enables seamless digital interaction and reliable asset management.

Physical Information	Material	PET & 3M Adhesive
	Label Size	85.5×54 mm
	Antenna Size	76×45 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 15693, NFC Forum Type 5
	Chip Type	ST Microelectronics ST25TV02K®
	Operating Mode	Passive
	Read Rate	53 kbits/s
	User Memory	250 bytes
	UID Memory	8 bytes
	Anti-Collision	Support
	Kill Mode And Untraceable Mode	Support
	Tamper Detect Capability	Support
	EAS Capability	Support
	Digital Signature	TruST25
	Security Features	32 bits Encrypted Passwords

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag.
	Roll OD	Max. 210 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, weight per roll 2.08 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.