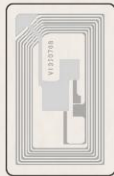




ST Microelectronics ST25TV02KC® NFC Label



SKU:	RS-TV02KC-PET3M-4227
Chip Type:	ST Microelectronics ST25TV02KC®
Frequency Band:	HF 13.56 MHz
Protocol:	ISO/IEC 15693, NFC Forum Type 5
User Memory:	250 bytes
UID Memory:	8 bytes
Industry:	Retail, Apparel and Fashion, Events, Catering, Jewelry
Applications:	Inventory, NFC, Social Engagement, Brand Protection, Product Authentication



The NFC Label (42×27 mm) is powered by STMicroelectronics ST25TV02KC® chip, supporting ISO/IEC 15693 and NFC Forum Type 5 standards for reliable long-range communication. With 2K bits of user memory and advanced security features such as password protection, it ensures secure data handling while delivering strong read performance in a compact label size.

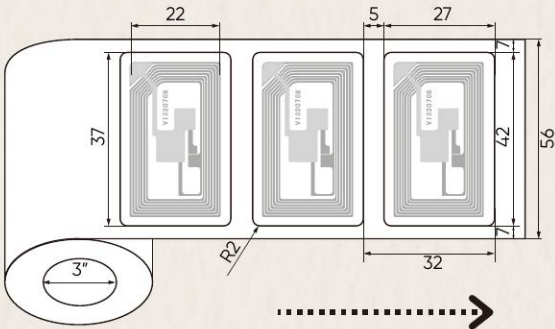
Designed for versatility, this NFC label is widely used in smart packaging, asset and document tracking, library management, and industrial inventory control. Its 42×27 mm form factor makes it easy to integrate onto various surfaces, while its compatibility with both NFC smartphones and professional RFID readers ensures seamless deployment in business and consumer applications alike.

Physical Information	Material	PET & 3M Adhesives
	Label Size	42×27 mm
	Antenna Size	37×22 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 15693, NFC Forum Type 5
	Chip Type	ST Microelectronics ST25TV02KC®
	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

Packaging 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, per roll 1 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.
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