



NXP® MIFARE® Ultralight® EV1 NFC Label

SKU:	RS-ULV1-PP-5618
Chip Type:	NXP® MIFARE® Ultralight® EV1
Frequency Band:	HF 13.56 MHz
Protocol:	ISO/IEC 14443-A
User Memory:	48 bytes
UID Memory:	7 bytes
Read Range:	Up to 10 cm
Industry:	Retail, Events, Catering, Jewelry, Apparel and Fashion
Applications:	Inventory, Jewelleries & Sunglasses, Warehouse, NFC, Product Authentication, Brand Protection



Unlock the power of smart connectivity with the NFC Label 56×18 mm, powered by NXP® MIFARE® Ultralight® EV1. Compact yet powerful, this NFC label ensures fast, secure, and seamless interactions, making it the perfect choice for next-generation smart packaging, event ticketing, and brand protection. Its slim 56×18 mm design integrates effortlessly into products without compromising style or function.

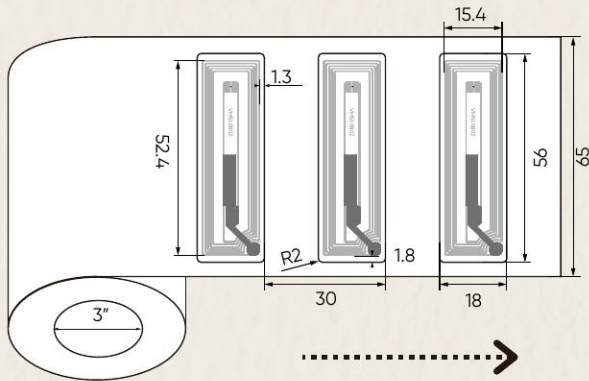
With ISO/IEC 14443-A compliance and superior memory performance, this label transforms customer engagement into a smooth, contactless experience. Whether used for interactive marketing, product authentication, or consumer loyalty programs, it delivers a reliable, cost-effective, and future-ready solution that helps brands connect with their audience like never before.

Physical Information	Material	PP Synthetic Paper
	Label Size	56×18 mm
	Antenna Size	52.4×15.4 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
	Chip Type	NXP® MIFARE® Ultralight® EV1
	Read Range	Up to 10cm(depending on antenna geometry)
	Operating Mode	Passive
	Data Transfer	106 kbit/s
	User Memory	48 bytes
	UID Memory	7 bytes
	OTP Area	32-bit
	High Data Integrity	16-bit CRC
	Fast Counter Transaction	<10 ms
	Typical Ticketing Transaction	<35 ms
	Anti-Collision Function	Yes
	Security Features	3DES Authentication

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 175 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, weight per roll 0.4347 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.
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