



NXP® MIFARE® Ultralight® EV1 NFC Label

SKU:	RS-ULV1-CP-2212
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



The NFC Label 22×12 mm with NXP® MIFARE® Ultralight® EV1 delivers compact size and reliable NFC performance for seamless smart applications. Despite its small footprint, this label offers secure data storage, fast response times, and compliance with ISO/IEC 14443-A standards, making it ideal for integration into space-constrained products and packaging.

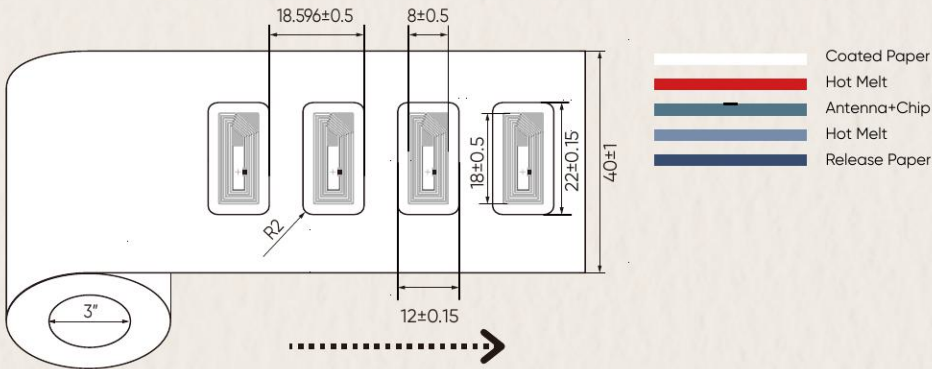
Designed for event ticketing, access control, product authentication, and interactive marketing, this versatile label enables brands to connect with consumers through a simple tap. Its combination of lightweight design and strong compatibility ensures a cost-effective, future-ready solution for high-volume applications.

Physical Information	Material	Coated Paper
	Label Size	22×12 mm
	Antenna Size	18×8 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	32-bit password protection

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 235 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, weight per roll 0.232 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 s not liable for use-related issues or outcomes.