



NXP® MIFARE® Ultralight® EV1 Round NFC Label

SKU:	RS-ULV1-PET3M-D30
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, Jewelries & Sunglasses, Warehouse, NFC, Product Authentication, Brand Protection



Unlock smarter engagement with the Round NFC Label (Ø30 mm) powered by NXP® MIFARE® Ultralight® EV1. Compact yet powerful, this NFC label delivers fast, secure, and reliable contactless interactions, fully compliant with ISO/IEC 14443-A standards. Its advanced features ensure smooth performance and dependable authentication, making it the perfect solution for modern NFC applications.

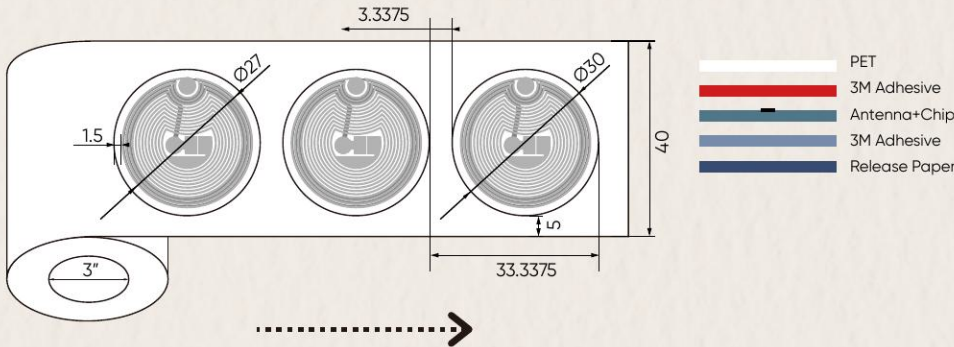
Designed for events, ticketing, brand protection, and interactive marketing, this sleek 30mm label integrates effortlessly into packaging, products, and promotional items. By enabling instant smartphone interaction, it helps businesses create memorable customer experiences, drive brand loyalty, and streamline operations with efficiency.

Physical Information	Material	PET & 3M Adhesives
	Label Size	Ø30 mm
	Antenna Size	Ø27 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. 181 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, weight per roll 0.406 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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