



Ø30mm MIFARE Ultralight® C NFC On-Metal Mobile Tag

SKU:	RSPS-ULC-PVC-D30
Chip Type:	NXP MIFARE Ultralight® C
Frequency:	HF 13.56MHz
User Memory:	114 bytes
UID Memory:	7 bytes
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
Industry:	Retail, Consumer Electronics, Industrial Manufacturing, Event
Applications:	Industrial Tagging, Product Authentication, Access Control, Retail Marketing, Digital Business Card Exchange, Quick Access to Contacts or Apps, Personal Safety, Smart Meeting Schedules, Event Notifications, Smart Home Automation

This Ø30mm MIFARE Ultralight® C NFC on-metal mobile tag is a compact yet powerful NFC tag designed for metal surfaces. It features NXP's MIFARE Ultralight® C chip with 3DES authentication for enhanced data security, ideal for applications requiring both size and secure communication.

Complying with ISO/IEC 14443-A and NFC Type-2 standards, this 30mm tag is discreet while ensuring reliable performance on metal surfaces, where many NFC tags fail. Its ferrite layer reduces metal interference, guaranteeing dependable readability. Compatible with all NFC-enabled devices, such as smartphones, it is widely used in asset tracking, retail anti-counterfeiting, industrial tagging, product authentication, access control, event ticketing, and innovative retail marketing.

Physical Information	Material	PVC
	Label Size	Diameter 30 mm
	Operating Environment	Tag attach: +10°C~+40°C, 20%~80% RH After tag attached: -20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Handling Precautions	1. Do not bend. 2. Keep away from water and collision.
	Surface	Metal

Technical Information	Operating Frequency	13.56MHz
	Protocol	ISO/IEC 14443-A, NFC Forum Type 2
	Chip Type	NXP MIFARE Ultralight® C
	Read Range	Up to 10 cm
	User Memory	114 bytes
	UID Memory	7 bytes
	Security Features	Anti-collision, 3DES authentication, anti-cloning, 32-bit user programmable OTP area, read-only locking per block for the memory above 512 bit

● **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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