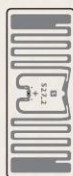




Avery Dennison® ARC Certified NXP® UCODE® 9 RFID Label



SKU:	AD-Miniweb-U9-FCC
Chip Type:	NXP® UCODE® 9
Frequency:	UHF 860-960 MHz
EPC Memory:	96 bits
Protocol:	ISO/IEC 18000-63 EPCglobal Gen2v2.1
Industry:	Retail, Apparel and Fashion, Jewelry, Logistics, Healthcare
Applications:	Asset Tracking, Jeweleries & Sunglasses, Inventory, Warehouse

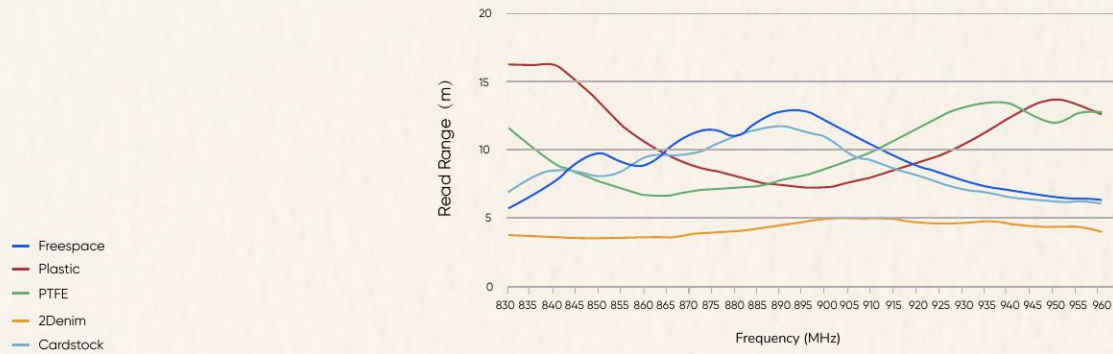


The AD Miniweb U9 FCC label is a compact RFID solution for global retail, industrial, and supply-chain applications. Despite its small footprint, it delivers reliable read performance on hard-to-tag, low-detuning materials—such as cardboard and plastic—and in close-coupled environments.

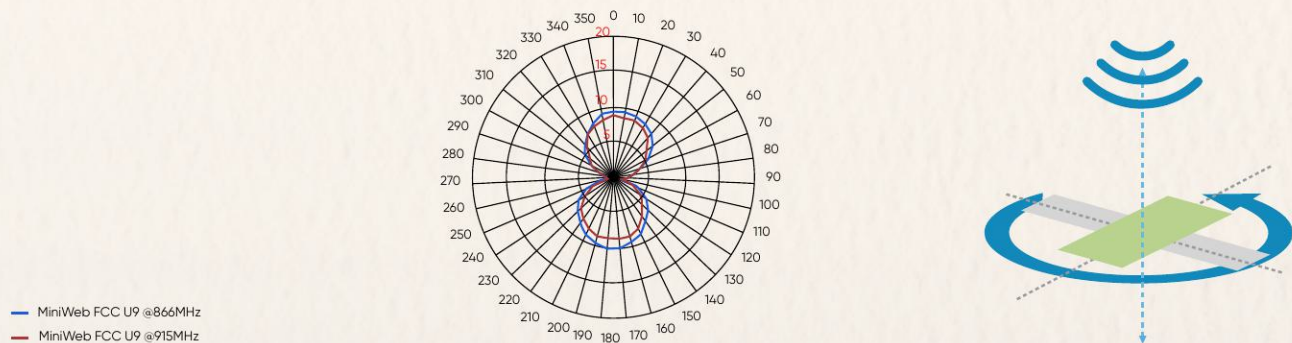
Powered by NXP® UCODE® 9, it provides 96-bit EPC memory and a self-adjusting feature that optimizes performance in challenging conditions. The design has also passed the ARC categories for FCC retail performance defined by Auburn University's RFID Research Center.

Reading Performance

Reading Range Under Different Frequency



Orientation Sensitivity



Physical Information

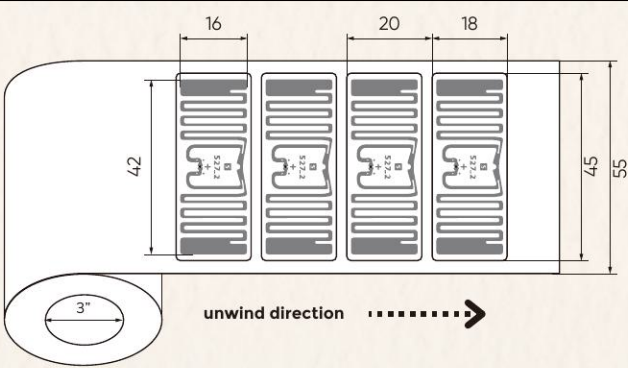
Material	Coated Paper
Label Size	45×18 mm
Operating Environment	-40°C~+85°C
Storage Environment	+18°C~+28°C, 40%~60% RH
ARC Specs	F, O, Q, W5, W6
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones, do not use.

Technical Information

Operating Frequency	860~960 MHz
Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2.1
Chip Type	NXP® UCODE® 9
EPC Memory	96 bits
Read Range	Up to 16.5 m
Security Features	32 bits kill password

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag
	Roll OD	Max. 230 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	5000 Pcs/roll, or as per request
	Packing Weight	3 kg/roll

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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