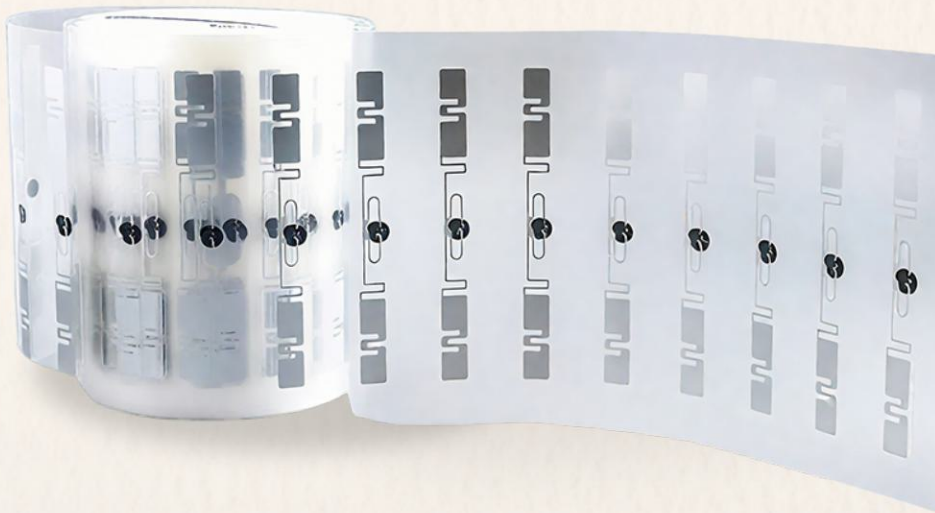




Impinj® M781 Tamper-Proof RFID Headlight Label



SKU: RS-M781-TRPET-9912

Chip Type: Impinj® M781

Frequency: UHF 860-960 MHz

EPC Memory: 128 bits

User Memory: 512 bits

Read Range: Up to 15m

Protocol: ISO/IEC 18000-6C
EPCglobal Gen2v2

Industry: Automotive
Industrial Applications

Applications: Vehicle Tracking

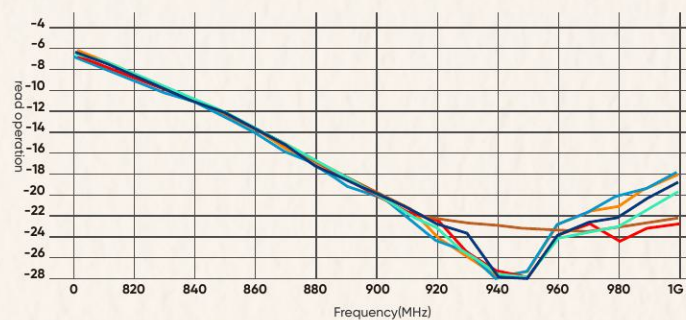


The Tamper-Proof UHF RFID Headlight Label delivers secure, long-range identification for critical applications. Its tamper-resistant design prevents unauthorized removal, ensuring data integrity and authenticity throughout the product lifecycle.

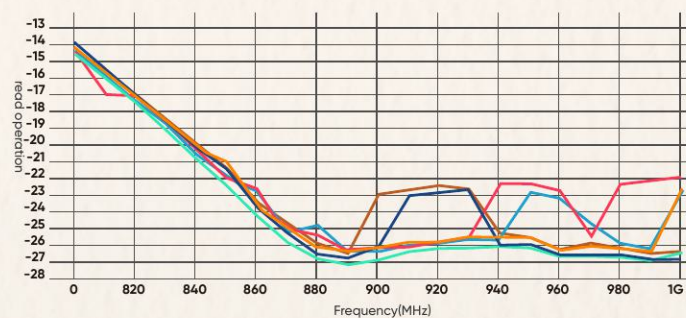
Built for durability, this label performs reliably in harsh environments. Each tag includes a unique secure identifier, making it ideal for efficient asset tracking and anti-counterfeiting in demanding conditions.

Reading Performance

Tag Power in AIR



Tag Power on Headlight Cover



Physical Information

Material	PET
Size	99x12 mm
Antenna Size	95x8 mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18~28°C, 40%~60% RH
Mounting Method	Stick
Surface	Plastic, Glass
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.

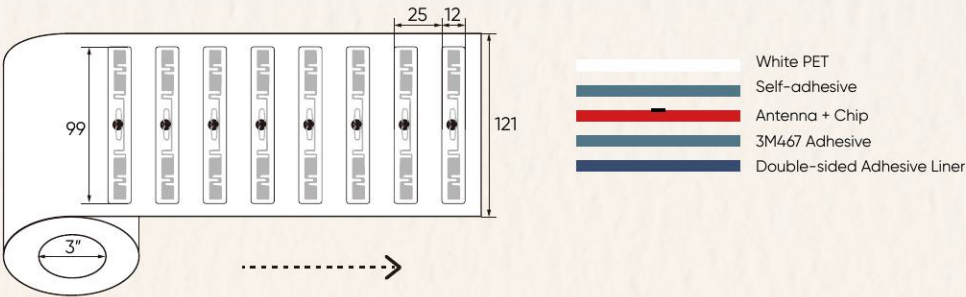
Technical Information

Operating Frequency	860~960MHz
Communication Protocol	ISO/IEC 18000-6C, EPCglobal Gen2v2
Read Range	Up to 15 m
Chip Type	Impinj® M781
EPC Memory	128 bits
User Memory	512 bits

Packing Information

Packing Format	Packed in roll, vacuumed packing in ESD bag.
Roll OD	Max. 152 mm
Core ID	3 inch/76.2 ± 0.50mm
Packing Quantity	1000 pcs/roll, weight per roll 2 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](https://www.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](https://www.rfidbridge.com) is not liable for use-related issues or outcomes.