

PID-Patch Wire Tag

PID- Patch Wire Tag is designed to track high-value tires in bus groups and logistics fleet tire management. It uses vulcanization glue, similar to a tire repair patch, for easy installation.

The tag includes a unique identification number that can prevent malpractice and provide the benefits of asset tracking inherited from RFID.



Applications



Ordering Information

Part Number	IC Type	Memory Configuration	Material
RFTR-330707 - M	NXP-U code 8	EPC Memory-128 bits	Rubber



Electrical Specifications

Operational Frequency	FCC: 902-928MHz ETSI: 865- 868 MHz
Interface Protocol	ISO 18000-63 and EPC global Gen2v2
Chip Type*	NXP U Code 8
Memory Configuration	EPC Memory – 128 bits
Date Retention	50 Years
Write Cycle Endurance	100,000 cycles
Read Range**	Up to 5 Meters

Product Characteristics

Tag Size	78.0 x 20.0 x 2.5 mm/2.99 X 0.78 x 0.09 in
Antenna	70.0 x 15.0 mm / 2.75 x 0.59 in
Material	Rubber
Packaging	100 Tags / Pkt
Attachment	Vulcanization glue
Yield	100 %
Antenna Material	Reinforcement Material

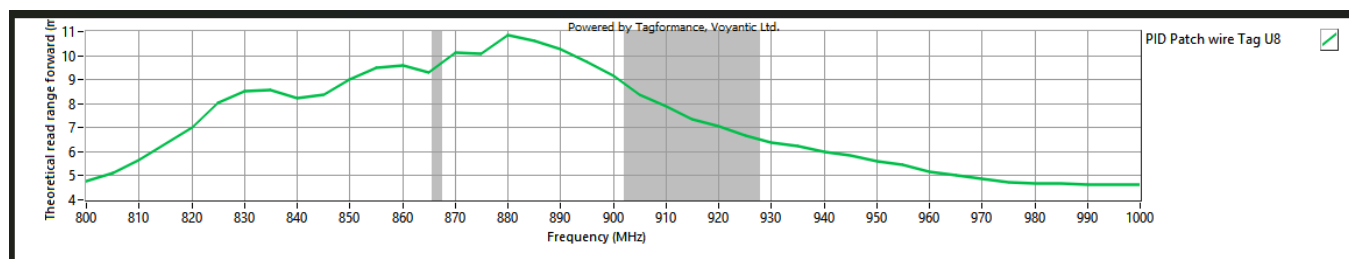
Environmental Specifications

Operating Temperature	-35 to +85°C
Storage Temperature	-40 to +85°C

Personalization

- Customer specific encoding of EPC
- Customized printing of logo, text, barcode etc

Read Range Graph



** The indicated read range values are measured in our laboratory testing environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may exhibit different results.