

PID-Rubber Tag

The PID-Rubber Tag is an Indian-designed and manufactured tracking device for tires, specifically those used in bus groups and logistics fleets. It is applied using vulcanization glue, similar to tire repair.

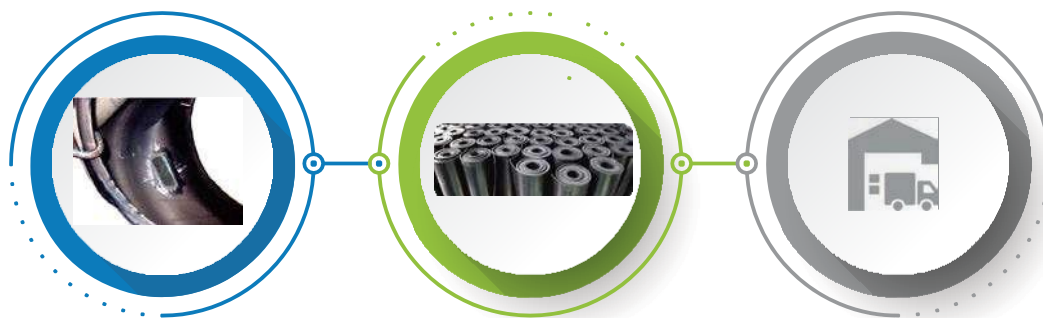
This tag not only provides a unique identification number for tracking purposes but also prevents any potential malpractice. Furthermore, it offers the conventional benefits of RFID technology for asset tracking.



Ordering Information:

Part Number	IC Type	Memory Configuration	Material
RFRA-330711	NXP-U code 8	EPC Memory-128 bits	Rubber

Applications:



Tire Tracking

Rubber Tracking Applications

Fleet Management



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

Products Characteristics

Die Cut Size	90.0 X 38.0 mm/ 3.54X 1.49 in
Final Inspection	100 % Tested
Material	Rubber
Packaging	100 Tags/pkt
Attachment	Vulcanized on the tire via vulcanizing agent

Environmental Specifications

Operating Temperature	-30 to +85 °C
Storage Temperature	-30 to +85 °C
Application Endurance	Pressure up to 5 MPa and temperature up to 200 °C

Installation Guide

01.



02.



03.



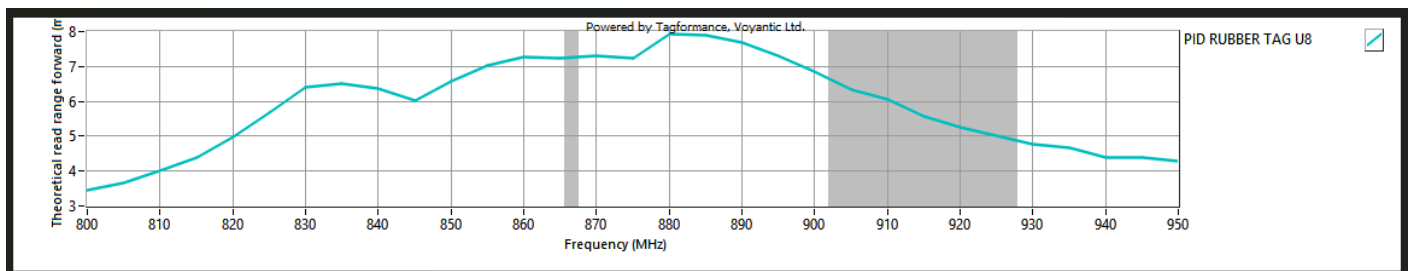
04.



Personalization

- Customer specific encoding of EPC.

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.