PID-BIN Tag

PID-Bin Tag is passive contactless transponders empower cost-effective waste management, enabling pay-as-you-throw and recycling incentive programs, while eliminating error-prone and expensive manual data collection.

PID-Bin Tag transponders perform exceptionally well, withstand abuse and help waste management organizations achieve optimal data integrity easily and efficiently.

Applications

RTI Applications

Bin Tracking

Waste Management

Electrical Specifications

Operational Frequency	FCC: 902-928MHz ETSI: 865- 868 MHz
Interface Protocol	ISO 18000-63 and EPCglobal Gen2v2
Chip Type*	IMPINJ MONZA R6P
Memory Configuration	EPC Memory – 128 bits USER Memory – 32 bits
Date Retention	50 Years
Write Cycle Endurance	100,000 cycles
Read Range**	Free Air- 8-9m(ETSI), 7-8m(FCC) On Plastic- 5-6 m(ETSI), 5-7 m(FCC)
Applicable surface	Non-Metallic

Products Characteristics

Tag Size	50.0 X 23.0 mm/1.96X 0.90 in
Final Inspection	100 % Tested
Material	Polycarbonate
Packaging	1000 Pcs/Pkt
Attachment	Adhesive

Environmental Specifications

Operating Temperature	-40 to +85 °C
Storage Temperature	-40 to +85 °C
IP Rating	IP67

Personalization

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

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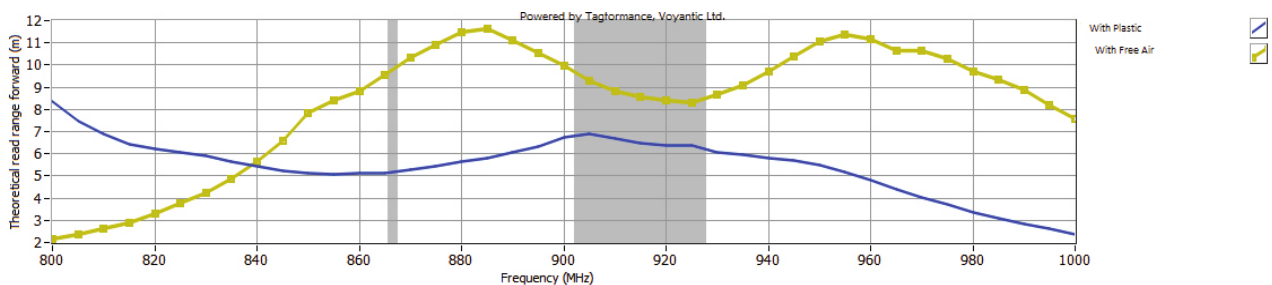
** The indicated read range values are measured in our laboratory testing environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may exhibit different results.

SYRMA SGS