

PID-Robo

PID ROBO is a white polyester label that performs well on a wide range of non-metallic objects including windshield (glass) , plastic or corrugated cardboard cases, making it ideal for deployment across a multitude of industrial applications.



Applications



Asset Management



Retail Management



Warehouse Management

Order Information

Part Number	IC Type	Memory Configuration
RFST-050201-ETSI/FCC	Impinj Monza M730	EPC Memory - 128 bits
RFST-050301-ETSI/FCC	Impinj Monza R6P	EPC Memory - 128 bits / 96 bits USER Memory - 32bits / 64 bits



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 / 96 bits USER Memory - 32bits / 64 bits
Date Retention	50 Years
Write Cycle Endurance	100,000 cycles
Read Range**	upto 15 Meter

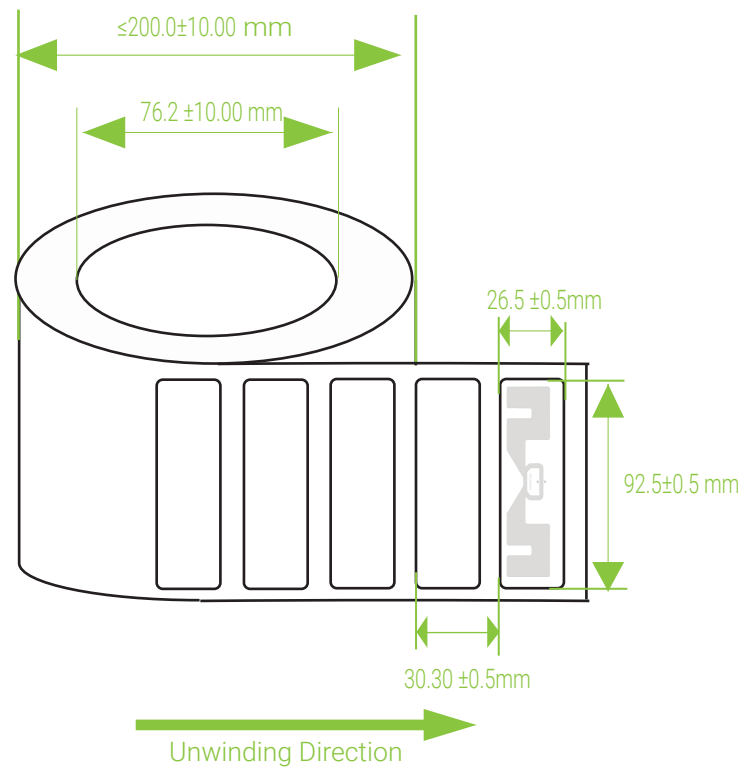
Characteristics

Die Cut Size	92.5 X 26.5 mm / 3.64 X 1.04 in
Antenna Size	90.0 x 24.0 mm / 3.54 x 0.95 in
Front Face Material	Printable Polyester
Packaging	Reel core inner dimension: 76.2mm/ 3", 5000pcs/roll
Adhesive	High performance adhesive specially for windshield.
Yield	100 %

Environmental Specifications

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

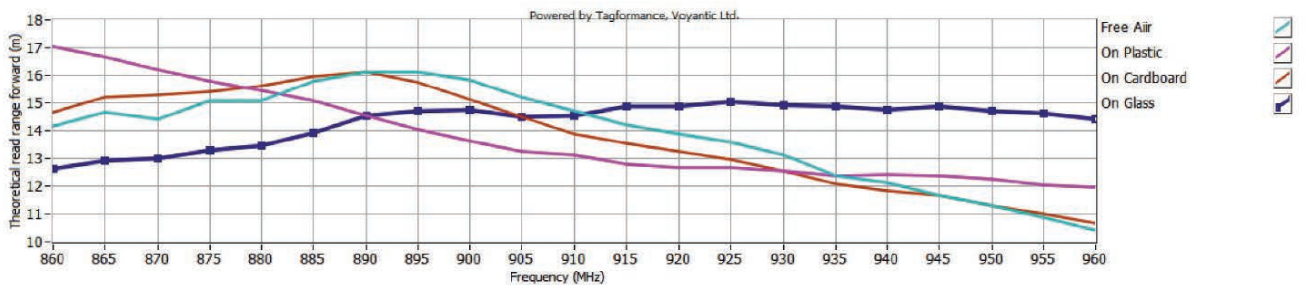
Drawing of Product



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.