

## PID-9727

PID-9727 is a label that performs well on a wide range of non-metallic objects, including plastic or corrugated cardboard cases & glass surfaces, making it ideal for deployment across various industrial applications.

The robust Antenna Design of the PID-9727 label ensures that it performs well even when applied in proximity of high dielectric constant materials or high moisture content items like fruits, vegetables, fish, and even the human body.

### Applications



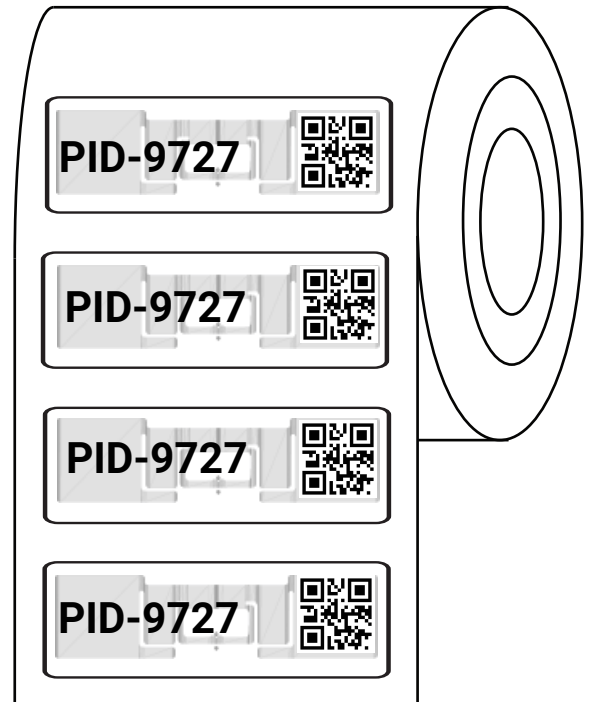
Asset Management



Retail Management



Warehouse Management



### Ordering Information:

Part Number	IC Type	Memory Configuration
RFL- 170501 - GLOBAL (Polyster) RFL- 170502 - GLOBAL (Paper)	NXP Ucode 9	EPC Memory - 96 bits
RFL- 170201 - GLOBAL (Polyster) RFL- 170202 - GLOBAL (Paper)	Impinj Monza M730	EPC Memory - 128 bits

# For other versions, additional information, and technical support, contact Perfect ID..

## Electrical Specifications

<b>Operational Frequency</b>	FCC: 902-928MHz ETSI: 865- 868 MHz
<b>Interface Protocol</b>	ISO 18000-63 and EPCglobal Gen2v2
<b>Chip Type*</b>	NXP UCODE 9
<b>Memory Configuration</b>	EPC Memory - 96 bits
<b>Data Retention</b>	50 Years
<b>Write Cycle Endurance</b>	100,000 cycles
<b>Read Range**</b>	upto 22 Meter

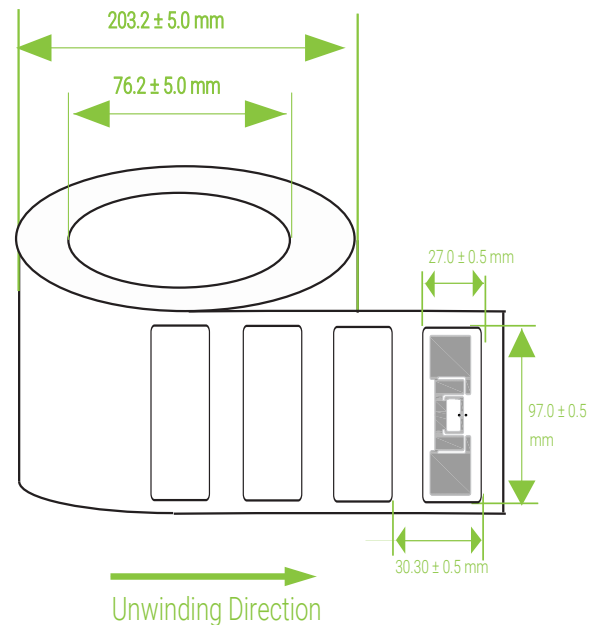
## Product characteristics

<b>Die Cut Size</b>	97.0 X 27.0 mm / 3.81 X 1.06 in
<b>Antenna Size</b>	94.0 X 24.0 mm / 3.70 X 0.94 in
<b>Face Material</b>	Paper/Polyster
<b>Packaging</b>	Reel core inner dimension: 76.2mm/3" , 5000pcs/roll
<b>Yield</b>	100 %
<b>Attachment</b>	Adhesive

## Environmental Specifications

<b>Operating Temperature</b>	-30 to +80 °C
<b>Storage Temperature</b>	-30 to +80 °C
<b>IP Rating</b>	IP67

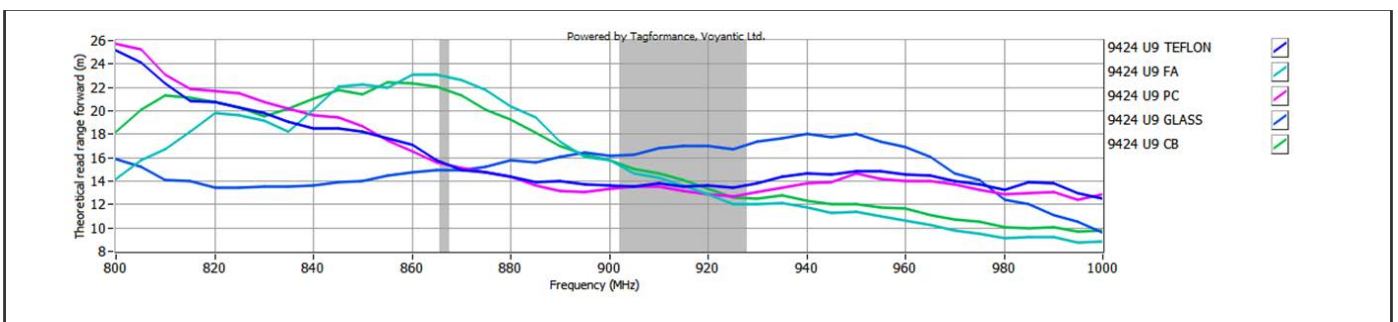
## Product Drawing



## Personalization

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

## READ RANGE GRAPH



PID 9727 - RF performance(UCODE9)

\*\* 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.