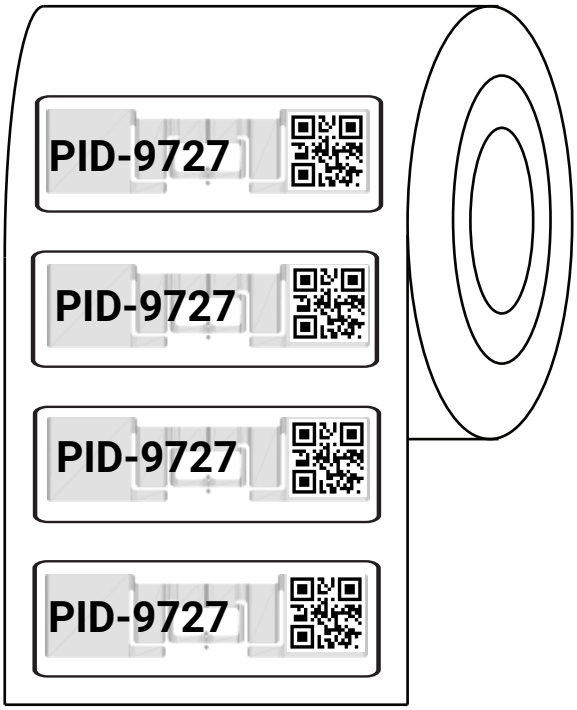
Perfect id
a Syrma SGS company

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	Face Material
RFL-160202-ETSI/FCC	Impinj Monza M730	EPC Memory - 128 bits	Paper
RFL-160502-ETSI/FCC	NXP UCODE9	EPC Memory - 96 bits	Paper

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

Electrical Specifications

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

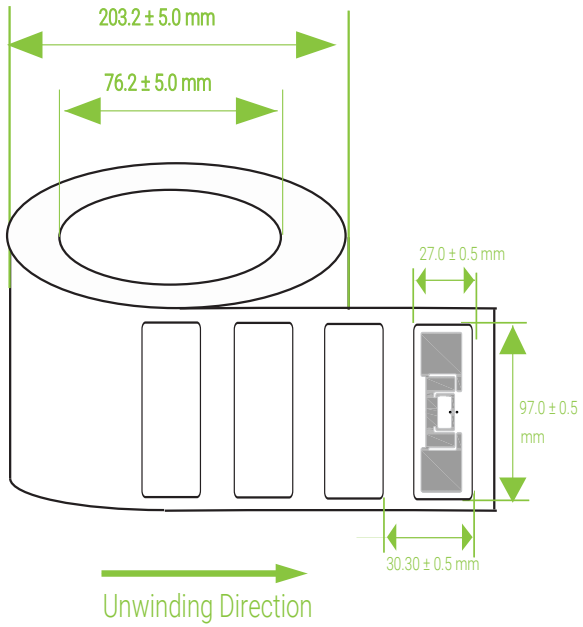
Product characteristics

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

Environmental Specifications

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

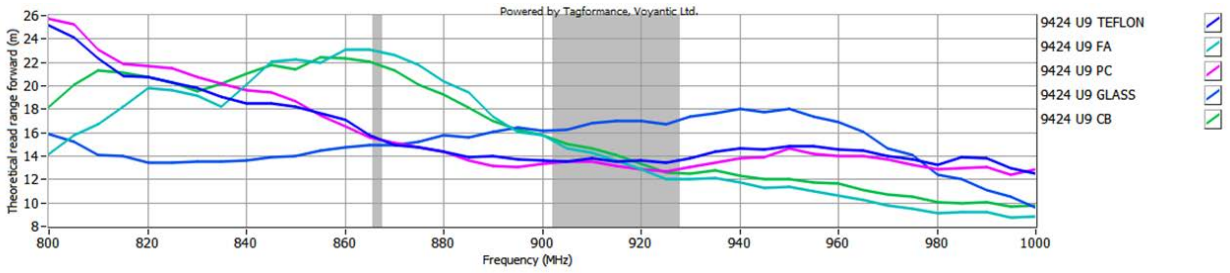
Product Drawing



Personalization

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

READ RANGE GRAPH



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