

Product Data Sheet

PS generALL

General Purpose RFID Label

The Porta Saber **generALL** label was developed for generic use, it's a label that can be used in a multitude of application and non-metallic materials. The **generALL** is a very flexible, high volume and low cost label. The labels can have the print design and the security features customised to the customers requirement.

Electrical Specifications

Type :	Passive UHF RFID		
Protocol :	EPC Class 1 Gen 2 ISO 1800-6C		
Frequency :	Global 860 to 960 MHz		
IC :	Alien Higgs 3	Monza 5	R6P
Memory :			
TID	64 bits	96 bits	96 bits
EPC	96 bits expandable to 468 bits	Up to 128 bits	128 / 96 bits
USER	512 bits	32 bits	32 / 64 bits
PASSWORD	32 bits Access and 32 bits Kill	32 bits Access, 32 bits Kill	32 bits Access, 32 bits Kill
Read Range** :	Up to 10 meters		

Mechanical Specifications

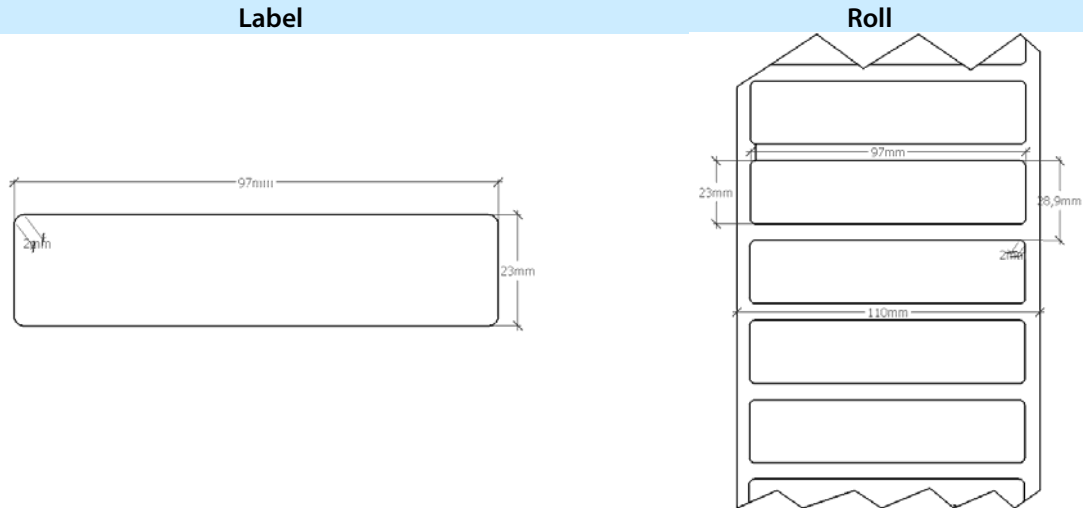
Structure :	
Liner	Siliconized Paper
Adhesive	High Tack Acrylic Adhesive
Wet Face	----
Antenna	Aluminium
Dry Face	Paper
Delivery Format :	On reel 2000 / 3000 pcs
Bad Labels :	Marked not removed
Pitch:	28,89 mm
Inner Core :	76 mm
Dimensions :	97 x 23 x 0,26 mm
Application :	Multipurpose non-metallic surfaces

Ambient Conditions

Operational Temp.	-35°C to 85°C
Exterior Temp.	-35°C to 85°C
Shelf Life	12 Months +20°C / 50% RH
Product Life	Years in normal conditions
Chemical Resistance	Resistant to normal cleaning fluids

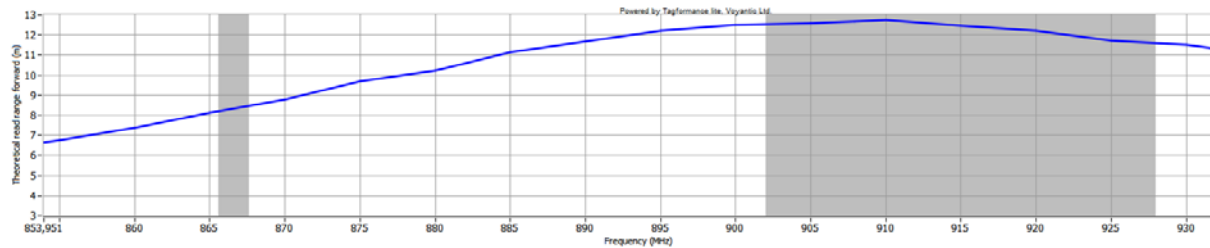
Add On's***		
Other Chips	Pre Printing	Tamper Evidence
Pre- Encoding	Personalisation	Tamper Proof Cuts
Encoding	Security Printing	Hologram

Physical Dimensions



Label Performance

Read Range Alien Higgs 3*



Disclaimer:

* - Read ranges are theoretical values measured in controlled laboratory environment.
Read range is affected by adjacent materials and weather conditions, local regulations for using RFID systems and their configurations.

** - Outdoor test measurement

*** - Minimum Order Quantities and costs will be discussed on a per request basis

The enclosed information is indicative and result of tests and supplier's information Porta Saber cannot guarantee the information at customer conditions We help our customers to select the right configuration in every condition to ensure optimal RFID system performance.

