

Product Data Sheet

PS **BoxTracker 2 / 3/ 6**

Logistics RFID label

The Porta Saber **BoxTracker** label was developed for the challenging environments of the Logistics trade. The 360° antenna makes sure the label performs maximised irrespectively of its position in relations to the antennas. The 3 available sizes follow the GS1 Logistic Label Guidelines.

Electrical Specifications

Type :	Passive UHF RFID		
Protocol :	EPC Class 1 Gen 2 ISO 1800-6C		
Frequency :	Global 860 to 960 MHz		
IC :	Monza 4D	Monza 4E	Monza 4QT
Memory :			
TID	96 bits	96 bits	96 bits
EPC	128 bits	496 bits	128 Public / 96 Private bits
USER	32 bits	128 bits	512 bits
PASSWORD	64 bits Access, 64 bits Kill	64 bits Access, 64 bits Kill	64 bits Access, 64 bits Kill
Read Range** :	Up to 10 meters		

Mechanical Specifications

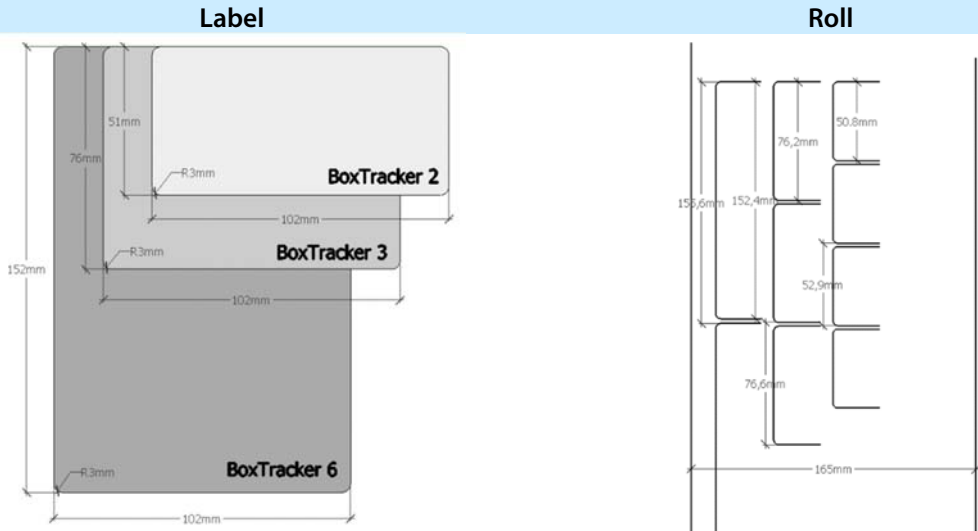
Structure :			
Liner	Siliconized Paper		
Adhesive	High Tack Adhesive		
Wet Face	----		
Antenna	Aluminium		
Dry Face	Paper		
Delivery Format :	On reel 1000 / 2000 / 3000 pcs		
Bad Labels :	Marked not removed		
Pitch:	2 - 52,9 / 3 - 78,6 / 6 - 155,6mm		
Inner Core :	76 mm		
Dimensions :	2 - 2" x 4" (101,6 x 50,8mm) / 3 - 3" x 4" (101,6 x 76,2mm) / 6 - 6" x 4" (101,6 x 152,4mm)		
Application :	Carton, Paper		

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

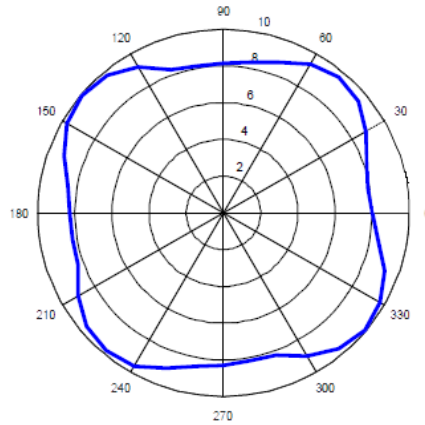
Add On's***		
Other Chips	Pre Printing	Tamper Evidence
Pre- Encoding	Personalisation	Tamper Proof Cuts
Encoding	Security Printing	Hologram

Physical Dimensions



Label Performance

Read Range*



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.

