

Metalion™ L

The 1st New-born Printable On-metal Label of Metalion™ Series



Metalion™ L, the new addition to Century RFID's Metalion™ Series, is an on-metal label with flexible design and suitable for flat or curved metal or other multi surfaces. Offered with preprint and encoding or blank to be printed and encoded on-demand using RFID enabled thermal transfer printers, the Metalion™ L is an excellent option for indoor applications that demand user flexibility and affordability.

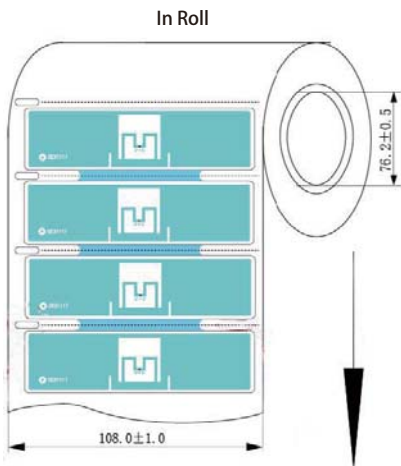
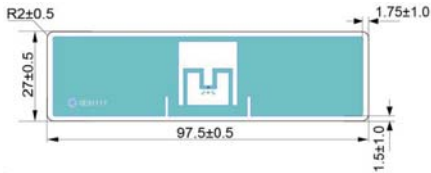
KEY Features:

- Flexible design with strong adhesive for easy installation on flat or curved surfaces.
- Consistent and stable performance on and off metal.
- Durable materials, IP 67 rated Water-proof.
- Delivered in roll format, allows to be printed in batch on-demands, compatible with RFID enabled thermal transfer printers..
- Customized pre-printing artwork, barcode and QR code for easy deployment.



Application:

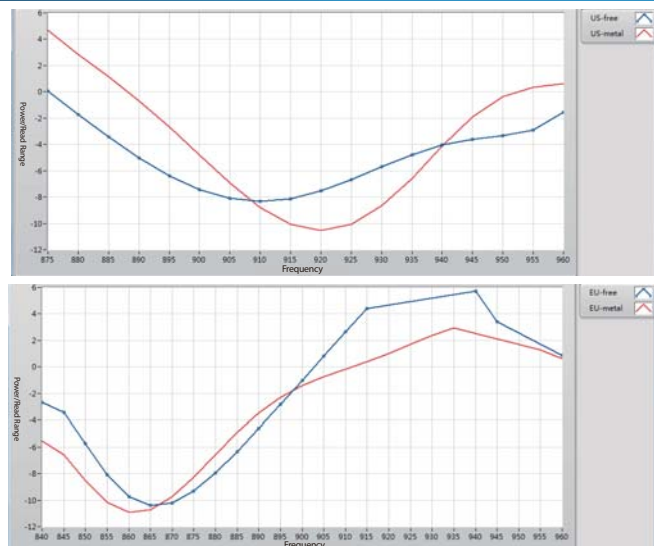
Metal shelving/racks, trollies/carts, metal bins, curved metal surfaces on tools, IT assets, appliances, machinery and other indoor assets that require on-demand generation of human readable labels in real-time and at point of application.



SPECIFICATIONS

Name	Metalion
Code No.	CE38004
PHYSICAL	
Dimension (mm/in)	97.5 X 27 X 0.9mm/(3.84" X1.06" X0.04")
Encasement	PET
Printing	Customized printing available
Mount way	Adhesive
Attachment on Curved Surface	Radius of curved surface ≥ 112 mm
ELECTRICAL	
Protocol	ISO/IEC 18000-6C & EPC global Class 1 Gen 2
Operating Frequency	902~928Mhz(US) 865~868Mhz(EU)
integrated Circuit [IC]	Impinj MR6 OR MR6-P
EPC Memory	96 bits
Unique TID	48 bits
Reading Distance	Read Range on Metal (EIRP 2W): 3 - 4 m (9.8 - 13.1 ft) Read Range off Metal (EIRP 2W): 4 - 5 m (13.0 - 16.4 ft)
Expected read cycles	100000 cycles
Data retention	10 years
PACKING	
Packing Format	Carton
Weight per pieces	1.6 g
Quantity per box	4000 pcs
Box Dimension	460 X 460 X140mm
Weight per box	6.5kg
Quality Assurance	100% performance tested
Average number of units per roll	1000 pcs
ENVIRONMENTAL	
Operating Temperature	-20°C ~ 60 °C
Operating Humidity	30 % ~ 70 %
Storage Temperature	-20°C ~ 60°C
Storage Humidity	30 % ~ 70 %
IP Rating	IP 67
Expected lifetime	10 years
Guarantee	2 years
Certificate	EPC Global

READ RANGE



For more information and free samples ,please contact your nearest Century RFID office

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