

# UHF metal label 6535



The metal disrupts a lot Ultra High Frequency (UHF) RFID, so labels must be adapted. That is why AXEM Technology offers its range of UHF RFID labels adapted to perform on metal thanks to an insulating layer between the inlay and adhesive.

As every AXEM Technology labels, the protective top PET layer is customizable with text, logo, barcode, QR codes...

*Configurable, customizable, encoding, printable\**

## Applications

- Warehouse shelf
- IT Asset tracking
- Metallic container tracking
- Equipment&device tracking
- Automotive components tracking

\*Depending on quantities

## Functional specifications

RFID Protocol	ISO/IEC 18000-6 Type C (EPC Gen2)
Frequency	US: 902-928 MHz EU: 865-868 MHz
IC type	Impinj Monza R6P
Memory	User memory: 32(64)bits ; EPC memory: 128(96) bits
Write Cycles	100,000 times
Functionalities	Read/write
Data Retention	> 10 years
Applicable Surface	On/off metal
Read Range	On-metal 902-928 MHz: >5m By Fixed Reader with 30dbm power 865-868 MHz: >5m By Fixed Reader with 30dbm power  Off metal 902-928 MHz: >3m By Fixed Reader with 30dbm power 865-868 MHz: >3m By Fixed Reader with 30dbm power

## Physical specifications

Size	65*35*1.25mm
Antenna size	62*32mm
Weight	2.4g
Installation	Adhesive
Packaging	Reel

## Environmental specifications

IP rating	IP68
Storage Temperature	-40°C to +150°C
Operating Temperature	-20°C to +75°C
Certifications	Reach, RoHS, CE

