

RFID FLAG LABEL



Global Tag UHF FLAG LABEL is an RFID UHF smart label designed to be mounted on metal surfaces or on objects with a high metal composition. Its structure enables reliable identification even in applications where standard labels may suffer from metal interference.

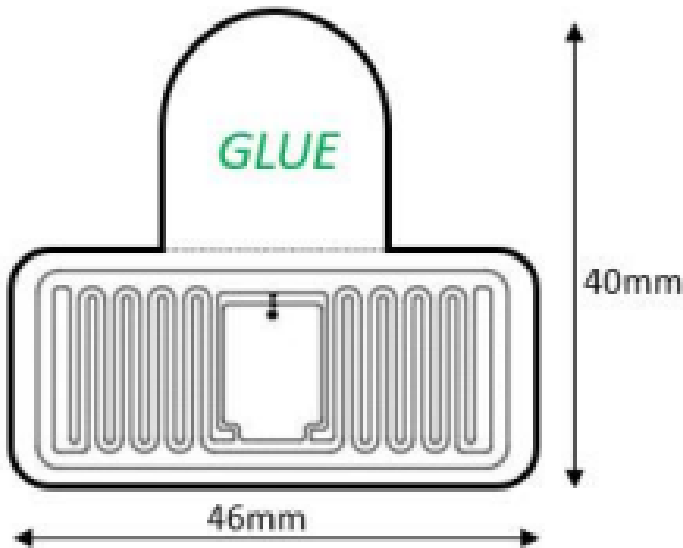
The label includes adhesive only on the upper part, allowing the RFID antenna to remain “floating” and properly spaced from the metal. This ensures stable readability and effective detection with UHF RFID readers.

Thanks to its flexible design, UHF FLAG LABEL can be easily applied to different assets such as cables, pipes and metallic components. It represents a cost-effective alternative to traditional on-metal RFID tags.

Customizations such as logo, barcode, QR code and serial number printing, as well as EPC encoding, are available for easy integration into tracking systems.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Paper/PP/PET flag label size: 46x40mm



Antenna Size: 40x15mm

Wet inlay size: 43x18mm

Mounting System: Glue, 3M adhesive

Material: Paper, PP or PET

Antenna Material: Aluminum

Storage Temperature: -40°C to +65°C / -40°F to 149°F

Operating Temperature: -25°C to +50°C / -13°F to 122°F

Delivery format: in reel

AVAILABLE CHIP SPECIFICATION:

Operation Frequency	UHF 860-960 Mhz
Air interface protocol	UHF EPC Class 1 Gen 2
IC Type Available	NXP U-Code 8 / U-Code9
TID Memory	96bit
EPC Memory	128bit
User Memory	-

CUSTOMIZATION OPTIONS:

Printing: 4-color or monochrome logo, Progressive number, Serial number from database, Barcode or QR Code.

Encoding: Recording contents in EPC/User Memory (optionally from customer's database)

Size/form: Keeping the same structure design, it is possible to develop different die-cut sizes, according to customer's instructions.

ORDER INFORMATION:

Standard products have these available size

PRODUCT CODE: GT-FLG4640-xx (xx defines the IC chip)

For further information or customization request:

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