PRODUCT DATASHEET
GLOBAL TAG UHF FLAG LABEL

Global Tag **UHF FLAG LABEL** is a RFID UHF smart label designed to be mounted on metal surfaces, or on objects with a high metal composition.
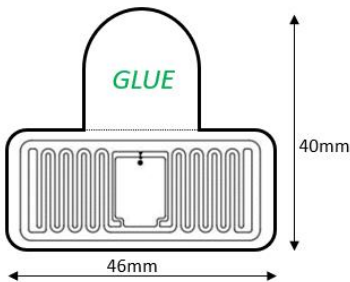
The label structure, which includes glue in the above part only, allows the RFID antenna to be 'flying' and therefore properly spaced from the metal, so detectable with a UHF RFID controller.

UHF FLAG LABEL is the less expensive solution as RFID UHF tag for metal surfaces. Customizations, such as logo, barcode, QR and serial number printing and EPC encoding, are available.

UHF

CE

RoHS Compliant ✓

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

IC 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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DISCLAIMER

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Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general-purpose product not designed or intended for any specific application.

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