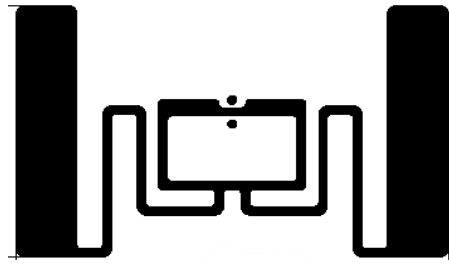


# PRODUCT DATASHEET

## GLOBAL TAG UHF 5030



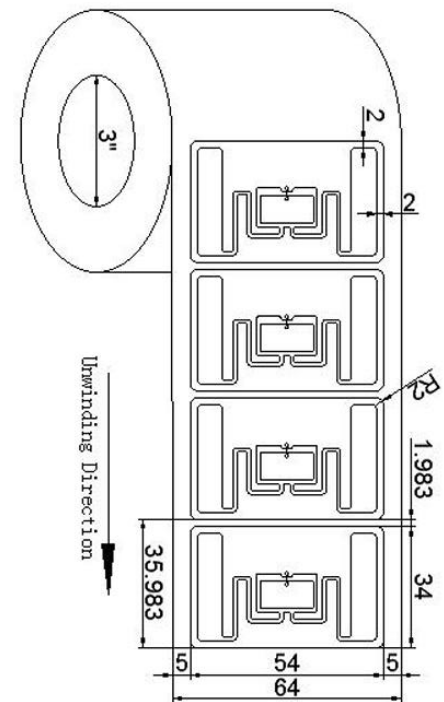
Global Tag **UHF 5030** is a RFID UHF antenna design which has been designed to offer high performance, despite a reasonable dimension. Size of this antenna is 50x30mm.

This RFID tag enables a good reading distance, thanks to its antenna design. The suggested applications fields are the RFID projects of apparel and retail, inventory, logistics management, production control.

Different customizations are available such as die-cut label size, encoding of EPC/memory, or content printing.

### MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

- Antenna Size: 50x30mm
- Wet inlay size: 54x34mm
- Paper/PP/PET label size: 54x34mm
- Pitch Size: 35,9mm
- Gap: 1,9mm
- Web Width: 64mm
- Mounting System: (optionally 3M 467 adhesive or Removable Glue)
- Antenna Material: Aluminum
- Storage Temperature: +10°C to +35°C (sealed in the vacuum bag and avoid direct sunlight exposure)
- Storage Humidity: 30% to 70% RH (sealed in the vacuum bag and avoid direct sunlight exposure)
- After gluing Temperature: -20°C to +50°C
- After gluing Humidity: 20% to +80% RH
- 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
TID Memory	96bit
EPC Memory	128bit
User Memory	-

### READING DISTANCE

With long range fixed reader: ----- EU frequency 0 ~ 13m (2W ERP) ----- US frequency 0 ~ 15m (4W EIRP)

### INSTALLATION MODE

**With permanent strong glue:** when mounting the tag with adhesive background, clean and dry the surface to obtain the maximum bond strength. The range temperature must be +10°C to +40°C and humidity range 20% to +80% RH



## **CUSTOMIZATION OPTIONS**

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

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

**3M glue:** According to the project requirement and basing on the surface material we can supply special adhesive

## **ORDER INFORMATION**

Standard products have these available size

**PRODUCT CODE WET-INLAY:** GT-WT5434-U8

**PRODUCT CODE PAPER LABEL:** GT-PL5434-U8

**PRODUCT CODE PET LABEL:** GT-PET5434-U8

**PRODUCT CODE PP LABEL:** GT-PP5434-U8

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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