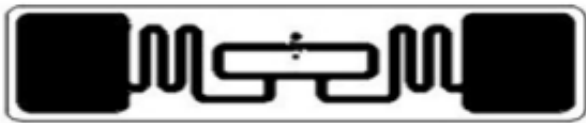


# UHF 7017 INLAY

Global Tag **UHF 7017** is a RFID UHF antenna design which has been designed to offer high performance, despite a reasonable dimension. Size of this antenna design is 70x17mm. This RFID tag enables a long reading distance, thanks to its antenna design. The suggested applications fields are RFID waste management, retail, cloths inventory, logistic management. Different customizations are available such as die-cut label size, encoding of EPC/memory, or content printing.



## MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS



**Antenna Size:** 70x17mm

**Wet inlay size:** 73x20mm

**Paper/PP/PET label size:** 73x20mm

**Pitch Size:** 25,4mm

**Gap:** 5,4mm

**Web Width:** 85mm

**Mounting System:** Glue, (optionally 3M 467 adhesive or Removable Glue)

**Antenna Material:** Aluminum

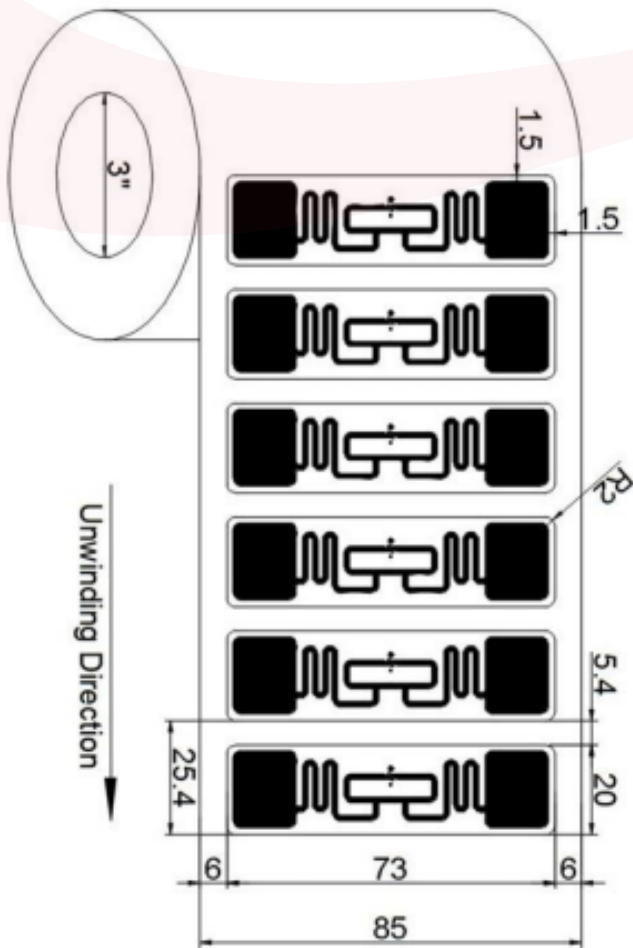
**Storage Temperature:** +10°C to +35°C (sealed in the vacuum bag and avoid direct sunlight exposure)

**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	Alien AH9
TID Memory	48bit
EPC Memory	Up to 496bit
User Memory	-

### READING DISTANCE:

**With long range fixed reader:** ----- EU frequency 0 ~ 10m (2W ERP) -----  
 US frequency 0 ~ 12m (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-WT7320-AH9

**PRODUCT CODE PAPER LABEL:** GT-PL7320-AH9

**PRODUCT CODE PET LABEL:** GT-PET7320-AH9

**PRODUCT CODE PP LABEL:** GT-PP7320-AH9

**For further information or customized request:**

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## **DISCLAIMER:**

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