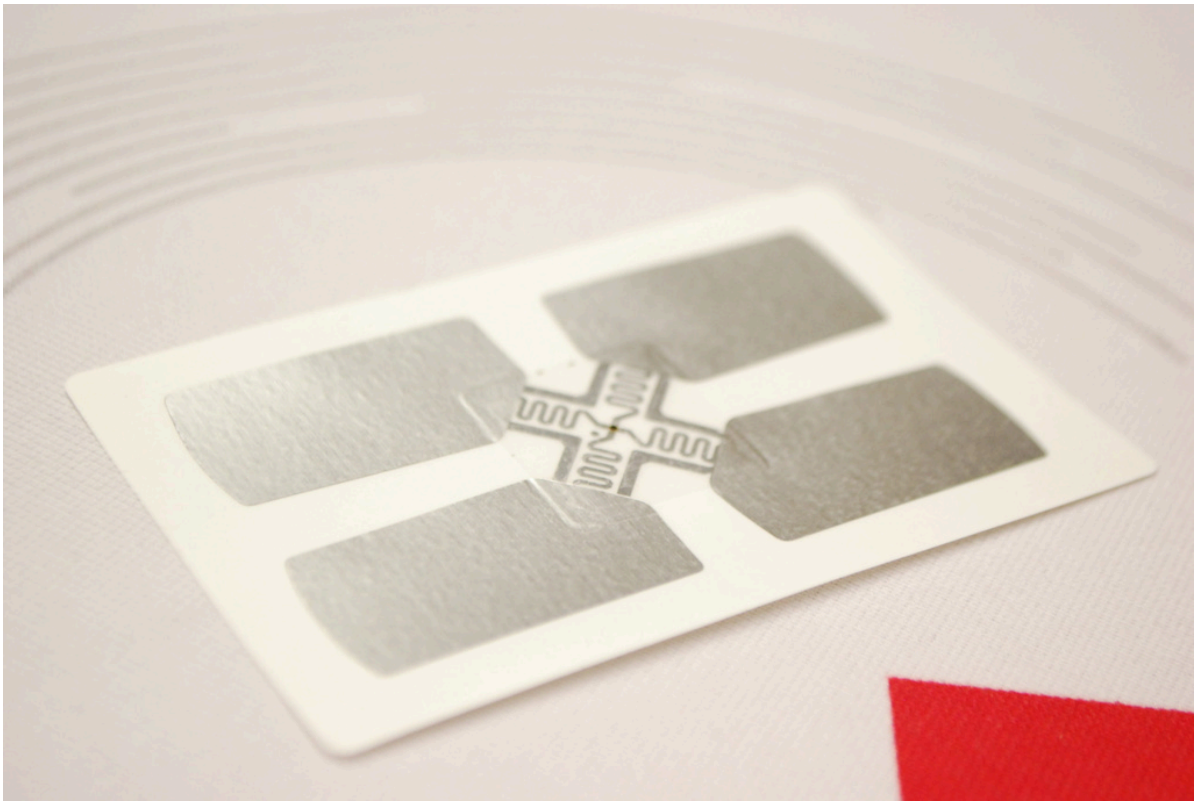
ANTI-LIQUID RFID UHF TAG



UHF

With the innovative ANTI-LIQUID RFID UHF TAG, most signal attenuation issues typically related to RFID UHF technology can be significantly reduced.

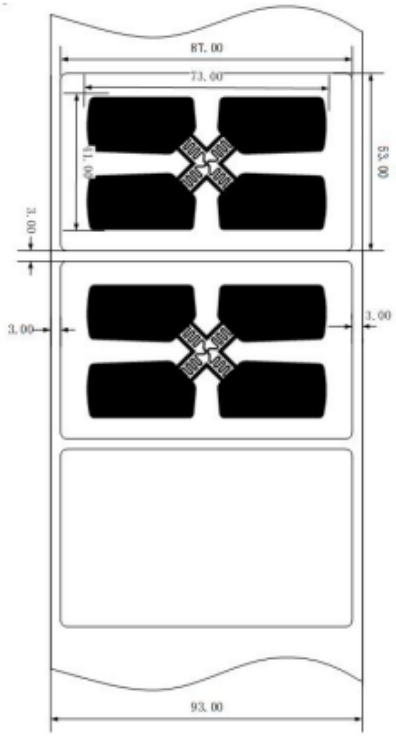
Thanks to the engineering of a special antenna design, it is possible to achieve reliable reading performance on liquid-based elements such as blood bags, water or wine bottles and barrels.

This solution represents an important development for RFID applications where traditional UHF tags may experience performance limitations due to liquids.

In addition, the technology is particularly suitable for projects involving human body tagging, such as running races, marathons and event management applications, where stable identification and good reading distance are required.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: 87x53mm
Antenna Size: 73x41mm
Mounting System: Glue, (optionally 3M 467 adhesive or Removable Glue)
Material: Wet inlay, or paper, or PP/PET
Antenna Material: Etched Aluminum (10µm) + PET (50µm)
Storage Temperature: -40˚C to +70˚C / -40˚F to 158˚F
Operating Temperature: -25˚C to +50˚C / -13˚F to 122˚F
Delivery format: in reel
Inner core diameter: 76mm



CHIP SPECIFICATION AVAILABLE:

Operation Frequency	UHF 860-960 MHz
Air interface protocol	UHF EPC Class 1 Gen 2 / ISO 18000-6C
IC Type Available	IMPINJ Monza M4E
TID Memory	96bit
EPC Memory	496bits
User Memory	128bits

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)

ORDER INFORMATION:

Standard products have these available size

PRODUCT CODE WET-INLAY: GT-WLQD-M4E

PRODUCT CODE PAPER LABEL: GT-PLLQD-M4E

PRODUCT CODE PET LABEL: GT- PETLQD-M4E

PRODUCT CODE PP LABEL: GT-PPLQD-M4E

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