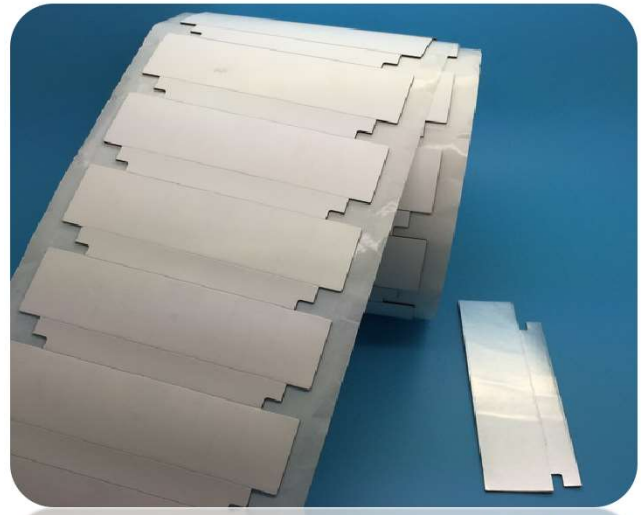


# UHF On Metal Tag



## Application:

- IT, industrial part, asset tracking
- Weapons, pipes, and road signs

## Key Features

The Ultrathin tags are designed for on metal tag functionality, within a small, low profit, easy to deploy tag. Optimized for thermal transfer barcode printers, the UHF Foil Tag enables low cost and hassle-free RFID deployment. The Ultrathin tags redefine the standard for repeatability for on and off metal tagging applications demanding a very small low profile tag. Custom tag could be designed according to your requirements.

## Environmental Specifications

|                         |               |
|-------------------------|---------------|
| Operating Temperature   | -40 ~ 80 °C   |
| Installation            | Self-adhesive |
| IP Level                | IP68          |
| Data Storage Lamination | 30 years      |
| Rewritable              | 100.000pcs    |

## IC Type

|   |  |
|---|--|
| Chip  | Impinj Monza R6-P  |
| Reading range with Handheld Reader in 27dbi | Up to 6m   |
| Memory                                      | EPC - 128 (96) bits<br>User - 32 (64) bits<br>Unique TID - 48 bits |

## Package Specifications

|         |                        |
|---------|------------------------|
| Package | 100pcs - 500pcs / roll |
|---------|------------------------|

## RF Specifications

|                      |                                  |
|----------------------|----------------------------------|
| Protocol             | EPC Class 1 Gen2                 |
| Frequency Range(MHz) | 866 - 868 (EU)<br>902 - 928 (US) |

## Physical Specifications

|          |                 |
|----------|-----------------|
| Material | Special Plastic |
| Antenna  | AI Foil         |

| TYPE                                  | HYU F01         | HYU F02           | HYU F03           | HYU F04         |
|---------------------------------------|-----------------|-------------------|-------------------|-----------------|
| Frequency                             | GS              | FCC/ETSI          | FCC/ETSI          | FCC/ETSI        |
| SIZE                                  | 40 x 40 x 1.1mm | 55 x 12.5 x 1.3mm | 96 x 12.5 x 1.3mm | 96 x 24 x 1.3mm |
| CHIP                                  | Monza R6-P      | Monza R6-P        | Monza R6-P        | Monza R6-P      |
| READING RANGE(m)<br>- Fixed Reader    | Up to 1.1       | Up to 1.6         | Up to 4.2         | Up to 6.0       |
| READING RANGE(m)<br>- Handheld Reader | Up to 0.5       | Up to 1.0         | Up to 2.4         | Up to 3.0       |



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