



T A G E O S

PRODUCT  
DATASHEET

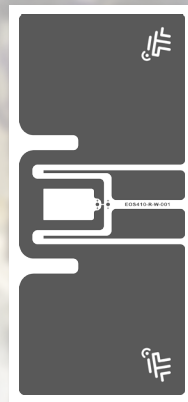
# EOS-410 hangtag

## EOS-410 hangtag

### APPLICATIONS



Apparel



## GENERAL SPECIFICATIONS

**Frequency** FCC 902-928 MHz / ETSI 865-868 MHz / ASIA 950-956 MHz

**Protocol** EPC Class 1 Gen 2

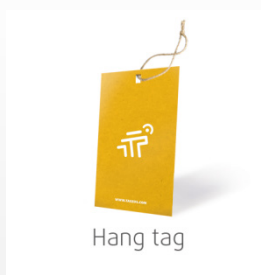
**EPC memory** Up to 128 bits

**User memory** Up to 64 bits

**Antenna size** 78 x 34 mm / 3.07 x 1.34 in

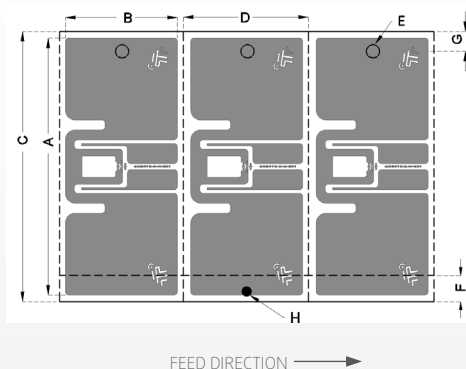
**Label size** 82 x 38 mm / 3.23 x 1.5 in

## AVAILABLE FORMATS



## MECHANICAL DIMENSIONS

| DIMENSIONS | DESCRIPTION               | METRIC     | US             |
|------------|---------------------------|------------|----------------|
| A x B      | Antenna size              | 78 x 34 mm | 3.07 x 1.34 in |
| C x D      | Hangtag size              | 82 x 38 mm | 3.23 x 1.5 in  |
| E          | Hanging hole              | Ø 4 mm     | Ø 0.16 in      |
| F          | Price tear-off (optional) | 10 mm      | 0.39 in        |
| G          | Hole center to edge       | 6 mm       | 0.24 in        |
| H          | Bad mark                  | Ø 4 mm     | Ø 0.16 in      |





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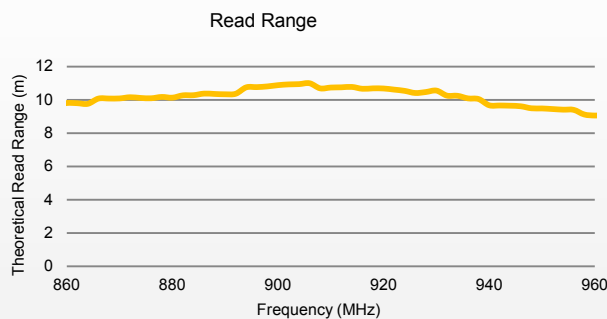
## RFID CHIP SILICON

| TAG SILICON           | NXP UCODE 7                       | IMPINJ MONZA R6                   | IMPINJ MONZA R6-P                 |
|-----------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Protocol              | EPC Class 1 Gen 2                 | EPC Class 1 Gen 2                 | EPC Class 1 Gen 2                 |
| Operating frequency   | 860 – 960 MHz                     | 860 – 960 MHz                     | 860 – 960 MHz                     |
| EPC memory            | 128 bits                          | 96 bits                           | Up to 128 bits                    |
| User memory           | -                                 | -                                 | Up to 64 bits                     |
| Operating temperature | -40°C / +85°C<br>(-40°F / +185°F) | -40°C / +85°C<br>(-40°F / +185°F) | -40°C / +85°C<br>(-40°F / +185°F) |

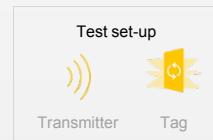
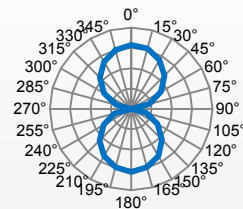
## PRODUCT CHARACTERISTICS

|                     | ADHESIVE LABEL                          |
|---------------------|-----------------------------------------|
| Antenna material    | Aluminum                                |
| Front face material | White TT printable paper                |
| Back face material  | White TT printable coated cardboard     |
| Adhesive            | Solvent-free permanent acrylic adhesive |
| Final inspection    | 100% tested, defective tags marked      |

## TAG READ PERFORMANCE



Orientation sensitivity



All the graphs are indicative: performance in real life applications may vary.  
The data has been determined based on calculations for transmitters with a 2W ERP output power level and an Impinj Monza R6 tag silicon.

## DELIVERY CONDITIONS

|                        | ADHESIVE LABEL                    |
|------------------------|-----------------------------------|
| Packaging              | Roll (single row)                 |
| Core inner diameter    | 76 mm / 3 in                      |
| Roll outer diameter    | 200 mm / 7.87 in                  |
| Unwinding direction    | Cardboard side on outside of roll |
| Standard roll size     | 2000 pcs                          |
| Minimum order quantity | One roll                          |

## CERTIFICATIONS & APPROVALS



## CONTACT

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