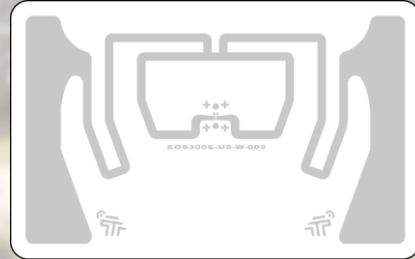




EOS-300 U8

Plastic sticker

54x34mm / 2.13x1.34in



GENERAL SPECIFICATION

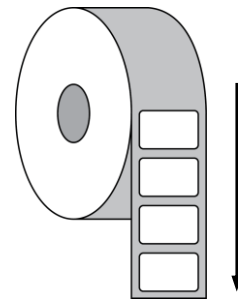
| | |
|---------------------|----------------------------------|
| Market applications | Retail, apparel |
| Frequency | 860 - 960 MHz |
| Protocol | EPC Class 1 Gen 2 - ISO 18000-6C |
| IC | NXP Ucode 8 |
| Format | Plastic sticker |
| Antenna size | 50 x 30 mm (1.97 x 1.18 in) |
| Finished size | 54 x 34 mm (2.13 x 1.34 in) |

MARKET APPROVALS

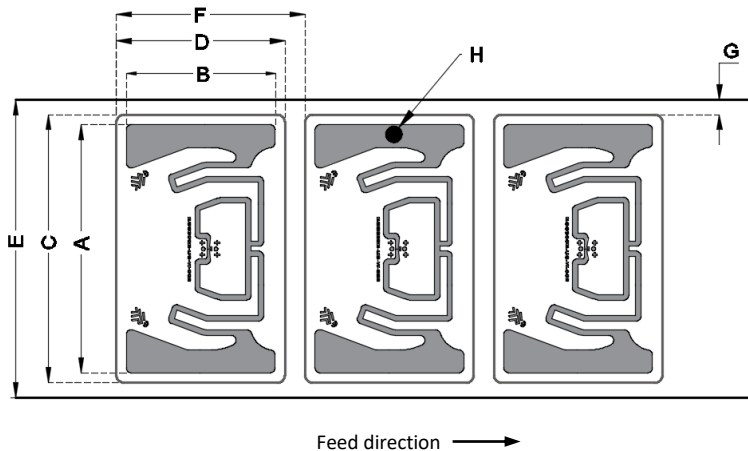
ARC spec F, G, I, J, K, L, N, O, Q, W1, W2, W3, W4, W5, W6,

MECHANICAL DIMENSIONS

| | | | |
|---------------------|-------|------------------|----------------|
| Antenna size | A x B | 50 x 30 mm | 1.97 x 1.18 in |
| Finished size | C x D | 54 x 34 mm | 2.13 x 1.34 in |
| Web width | E | 60 mm | 2.36 in |
| Pitch | F | 38,1 mm ± 0,5 mm | 1.50 in |
| Die-cut to web edge | G | 3 mm | 0.12 in |
| Bad mark (optional) | H | ∅ 4 mm | ∅ 0.16 in |



on outside of roll





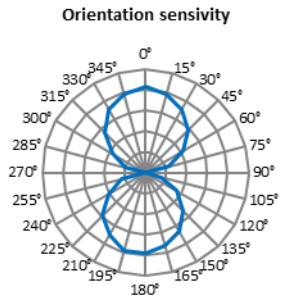
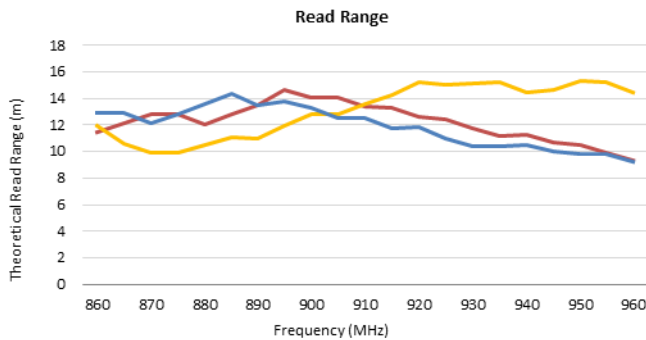
RFID IC

| | |
|-----------------------|-----------------------------------|
| IC | NXP Ucode 8 |
| Protocol | EPC Class 1 Gen 2 |
| Operating frequency | 860 – 960 MHz |
| EPC memory | 128 bits |
| User memory | - |
| Operating temperature | -40°C / +85°C (-40°F / +185°F) |

MATERIAL CHARACTERISTICS

| | |
|---------------------|---|
| Antenna material | Aluminum |
| Front face material | White TT printable Plastic |
| Adhesive | Solvent-free permanent acrylic adhesive |

TAG READ PERFORMANCE



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 NXP Ucode 8 tag silicon.

PACKAGING DETAILS

| | | | |
|---------------------|---------------------------|------------------------|--|
| Product code | 300000108 | Box dimensions | 26.0 x 26.0 x 37.0 cm / 10.24 x 10.24 x 14.57 in |
| Delivery format | Roll (single row) | Rolls per box | 5 |
| Core inner diameter | 76 mm / 3 in | Tags/inlays per box | 15 000 |
| Roll outer diameter | 199 mm | Box gross weight | 8,85 kg |
| Unwinding direction | Labels on outside of roll | Pallet dimensions | 120x80x126 cm |
| Standard roll size | 3 000 pcs | Boxes per pallet | 36 |
| Final inspection | 100% tested | Tags/inlays per pallet | 540 000 |
| Minimum roll yield | 98,50 % | Pallet gross weight | 344 kg |

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