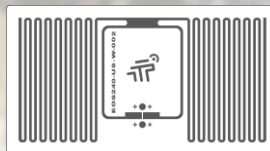


EOS-240 U8

Paper sticker

33x18mm / 1.30x0.71in

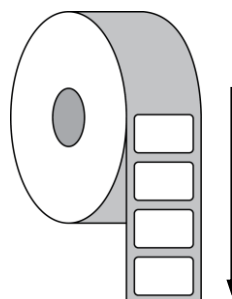


GENERAL SPECIFICATION

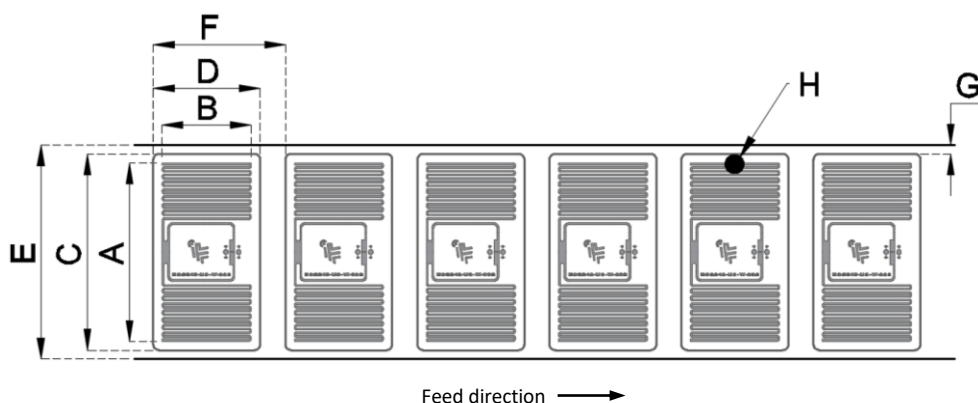
| | |
|---------------------|----------------------------------|
| Market applications | Retail, apparel |
| Frequency | 860 - 960 MHz |
| Protocol | EPC Class 1 Gen 2 - ISO 18000-6C |
| IC | NXP Ucode 8 |
| Format | Paper sticker |
| Antenna size | 30 x 15 mm (1.18 x 0.59 in) |
| Finished size | 33 x 18 mm (1.30 x 0.71 in) |

MECHANICAL DIMENSIONS

| | | | |
|---------------------|-------|------------|----------------|
| Antenna size | A x B | 30 x 15 mm | 1.18 x 0.59 in |
| Finished size | C x D | 33 x 18 mm | 1.30 x 0.71 in |
| Web width | E | 36 mm | 1.42 in |
| Pitch | F | 22.225 mm | 0.875 in |
| Die-cut to web edge | G | 1.5 mm | 0.06 in |
| Bad mark (optional) | H | ∅ 4 mm | ∅ 0.16 in |



Front face on outside of roll



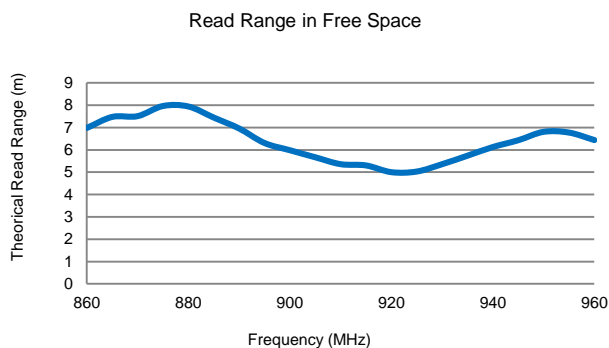
RFID IC

| | |
|-----------------------|-----------------------------------|
| 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 paper |
| 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 | 2000000035 | Box dimensions | 25x25x37 cm / 10x10x14.5 in |
| Delivery format | Roll (single row) | Rolls per box | 8 |
| Core inner diameter | 76 mm / 3 in | Tags/inlays per box | 36 000 |
| Roll outer diameter | 200 mm / 7.87 in | Box gross weight | 6,9 kg / 15,21 lbs |
| Unwinding direction | Labels on outside of roll | Pallet dimensions | 120x80x118 cm / 47,2x31,5x46,5 in |
| Standard roll size | 4 500 pcs | Boxes per pallet | 36 |
| Final inspection | 100% tested | Tags/inlays per pallet | 1 296 000 |
| Minimum roll yield | 99,00 % | Pallet gross weight | 273,4 kg / 602,74 lbs |

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