



EOS-241 U8

Paper sticker

45x19mm / 1.77x0.75in



GENERAL SPECIFICATION

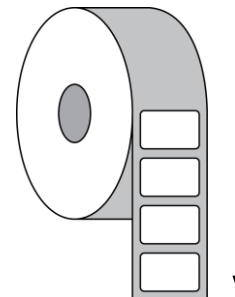
Market applications	Retail, apparel
Frequency	860 - 960 MHz
Protocol	EPC Class 1 Gen 2 - ISO 18000-6C
IC	NXP Ucode 8
Format	Paper sticker
Antenna size	42 x 16 mm (1.65 x 0.63 in)
Finished size	45 x 19 mm (1.77 x 0.75 in)

MARKET APPROVALS

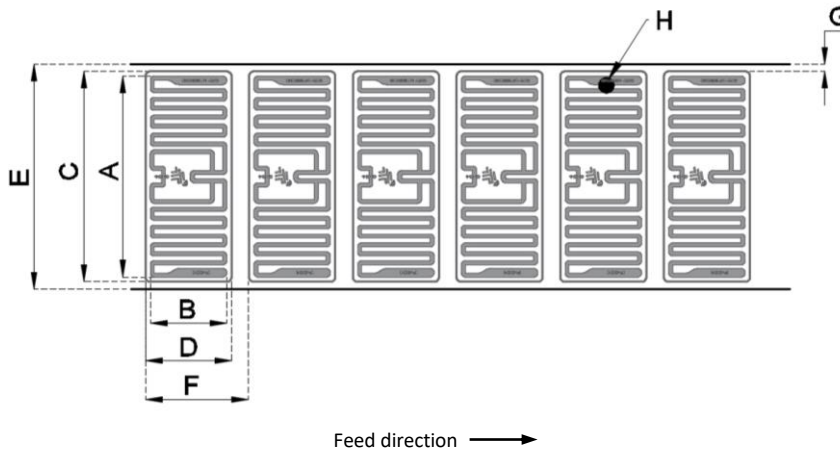
- Auburn ARC spec A, B, C, D, F, G, M, N, Q, W5
- Macy's

MECHANICAL DIMENSIONS

Antenna size	A x B	42 x 16 mm	1.65 x 0.63 in
Finished size	C x D	45 x 19 mm	1.77 x 0.75 in
Web width	E	50 mm	1.97 in
Pitch	F	23 mm ± 0,5 mm	0.91 in
Die-cut to web edge	G	2.5 mm	0.10 in
Bad mark (optional)	H	∅ 4 mm	∅ 0.16 in



Front face on outside of roll





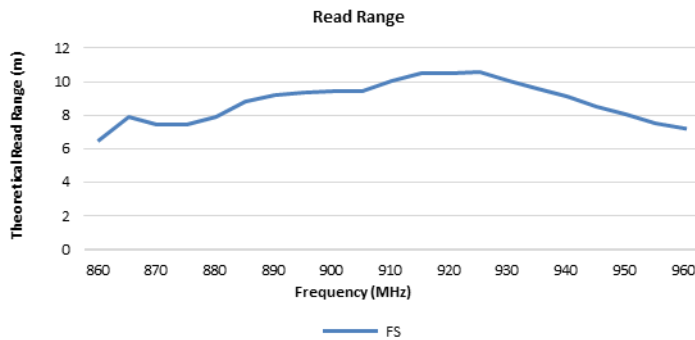
RFID IC

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	2400000029	Box dimensions	25x25x37 cm / 10x10x14.5 in
Delivery format	Roll (single row)	Rolls per box	6
Core inner diameter	76 mm / 3 in	Tags/inlays per box	30 000
Roll outer diameter	200 mm / 7.87 in	Box gross weight	8,3 kg / 18,3 lbs
Unwinding direction	Labels on outside of roll	Pallet dimensions	120x80x130 cm / 47.2x31.5x51.2 in
Standard roll size	5 000 pcs	Boxes per pallet	36
Final inspection	100% tested	Tags/inlays per pallet	1 080 000
Minimum roll yield	99,00 %	Pallet gross weight	323,8 kg / 713,86 lbs

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