

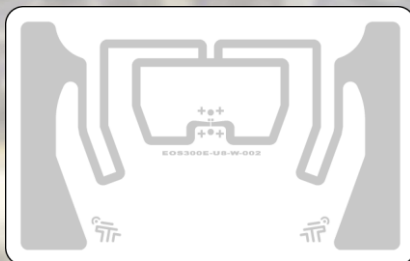


T A G E O S

EOS-300 U8

Paper sticker

54x34mm / 2.13x1.34in



GENERAL SPECIFICATION

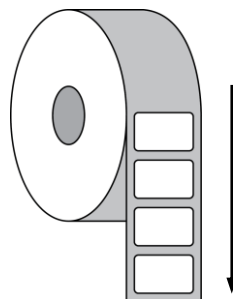
Market applications	Retail, apparel
Frequency	860 - 960 MHz
Protocol	EPC Class 1 Gen 2 - ISO 18000-6C
IC	NXP Ucode 8
Format	Paper sticker
Antenna size	50 x 30 mm (1.97 x 1.18 in)
Finished size	54 x 34 mm (2.13 x 1.34 in)

MARKET APPROVALS

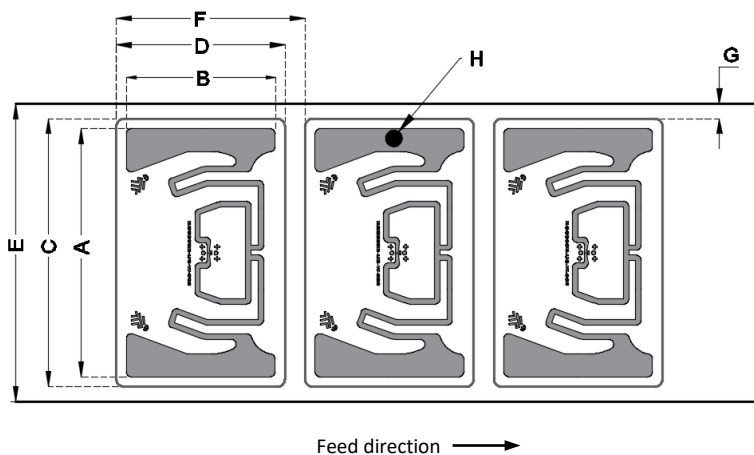
- ARC spec A, B, C, D, F, G, I, J, K, L, M, N, Q
W1, W2, W3, W4, W5, W6

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



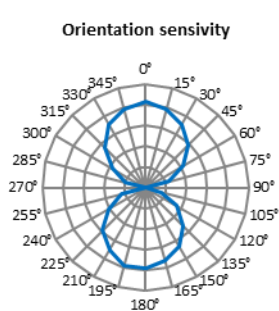
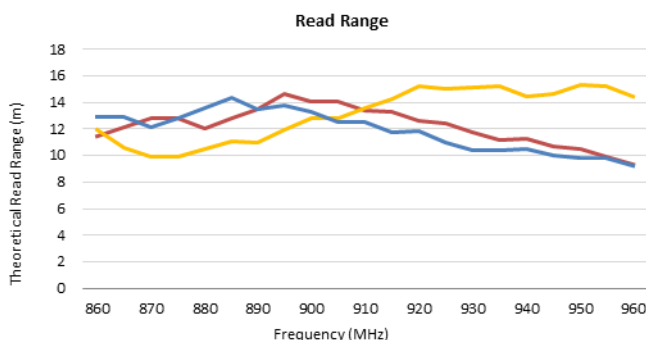
RFID IC

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 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	300000104	Box dimensions	25x25x37cm / 10x10x14.5in
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	200 mm / 7.87 in	Box gross weight	9 kg / 19,84 lbs
Unwinding direction	Labels on outside of roll	Pallet dimensions	120x80x118 cm / 47,2x31,5x46,5 in
Standard roll size	3 000 pcs	Boxes per pallet	36
Final inspection	100% tested	Tags/inlays per pallet	540 000
Minimum roll yield	99,00 %	Pallet gross weight	349 kg / 769,41 lbs

Storage & handling precautions: Observe standard storage and handling practices to minimize Electro Static Discharge. Tageos reserves the right to change its products and services at any time without notice. As our products are used in circumstances beyond our control, we cannot be held liable for any damages caused through their use. This is a general purpose product not designed or intended for any specific application. The pictures and illustrations found on this document are for illustration purposes only, and do not necessarily represent the exact products. Tageos is a registered trademark. All other trademarks are the property of their respective owners.

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