



T A G E O S

PRODUCT DATASHEET **EOS-400**

EOS-400

The Tageos EOS-400 is a wide-band Gen2 UHF RFID adhesive paper label optimized for apparel retailers' item-level needs and asset tracking applications.



Logistics

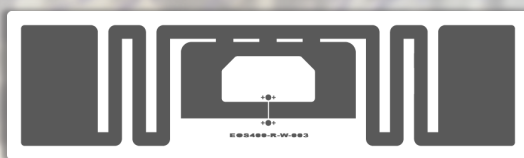


Asset tracking



Apparel

APPLICATIONS



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 480 bits

User memory Up to 512 bits

Antenna size 70 x 17 mm / 2.76 x 0.67 in

Label size 74 x 21 mm / 2.91 x 0.83 in

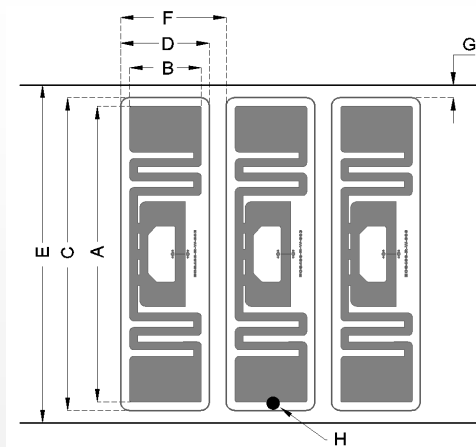
AVAILABLE FORMATS



Adhesive label

MECHANICAL DIMENSIONS

DIMENSIONS	DESCRIPTION	METRIC	US
A x B	Antenna size	70 x 17 mm	2.76 x 0.67 in
C x D	Label size	74 x 21 mm	2.91 x 0.83 in
E	Web width	78 mm	3.07 in
F	Pitch	25 mm ± 0,5 mm	0.98 in
G	Die-cut to web edge	2 mm	0.08 in
H	Bad mark	Ø 4 mm	Ø 0.16 in



FEED DIRECTION →



T A G E O S

RFID CHIP SILICON

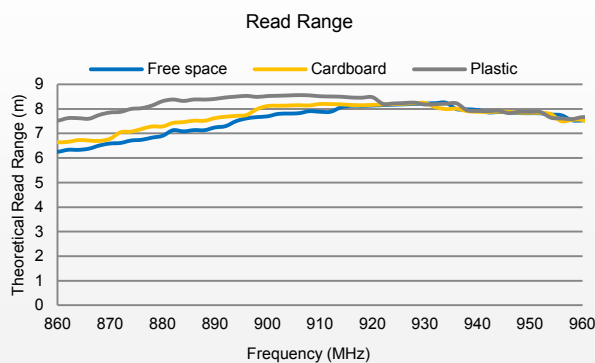
TAG SILICON	ALIEN HIGGS 3	ALIEN HIGGS 4	NXP UCODE 7	IMPINJ MONZA R6	IMPINJ MONZA R6-P
Protocol	EPC Class 1 Gen 2	EPC Class 1 Gen 2	EPC Class 1 Gen 2	EPC Class 1 Gen 2	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz	860 – 960 MHz	860 – 960 MHz	860 – 960 MHz	860 – 960 MHz
EPC memory	Up to 480 bits	Up to 128 bits	128 bits	96 bits	Up to 128 bits
User memory	512 bits	128 bits	-	-	Up to 64 bits
Operating temperature	-50°C / +85°C (-58°F / +185°F)	-50°C / +85°C (-58°F / +185°F)	-40°C / +85°C (-40°F / +185°F)	-40°C / +85°C (-40°F / +185°F)	-40°C / +85°C (-40°F / +185°F)

PRODUCT DATASHEET EOS-400

PRODUCT CHARACTERISTICS

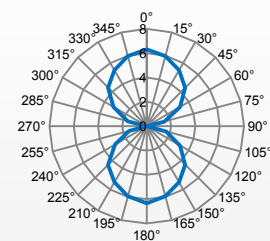
	ADHESIVE LABEL
Antenna material	Aluminum
Front face material	White TT printable paper White TT printable plastic
Back face material	-
Adhesive	Solvent-free permanent acrylic adhesive
Final inspection	100% tested, defective tags marked

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 Impinj Monza R6-P tag silicon.

Orientation sensitivity



Test set-up



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	Labels on outside of roll
Standard roll size	5500 pcs
Minimum order quantity	One roll

CERTIFICATIONS & APPROVALS

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