

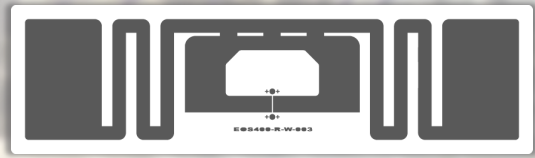


T A G E O S

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.



APPLICATIONS



Logistics



Asset tracking



Apparel

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

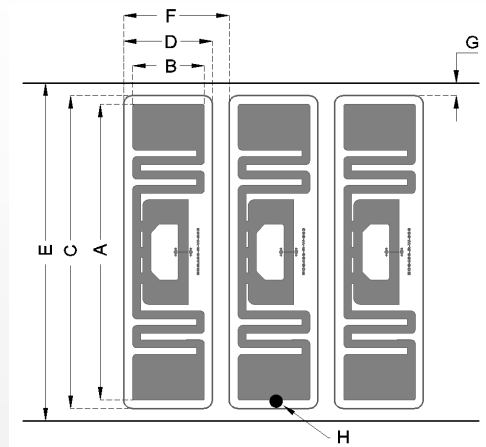
AVAILABLE FORMATS



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

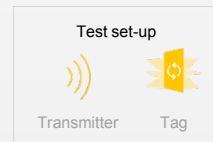
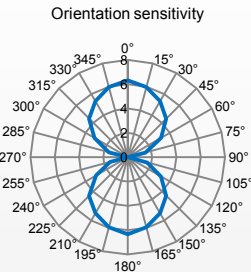
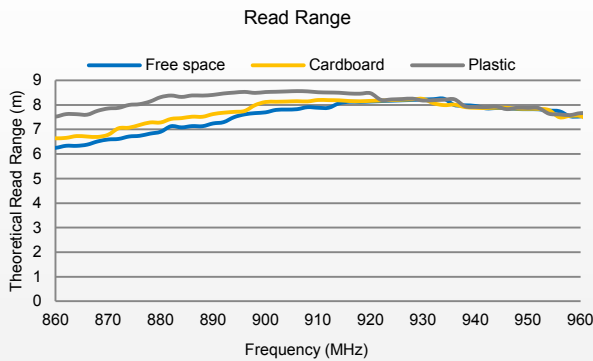
RFID CHIP SILICON

PRODUCT CHARACTERISTICS

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)

	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.

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

European EPC Competence Center

University of Auburn Radio Compliance Center

CONTACT

CONTACT@TAGEOS.COM
WWW.TAGEOS.COM

TAGEOS HEADQUARTERS
515, RUE ALFRED NOBEL
34000 MONTPELLIER
FRANCE

TAGEOS NORTH AMERICA
609 SW 8TH STREET, SUITE 600
BENTONVILLE, AR 72712
USA

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.