

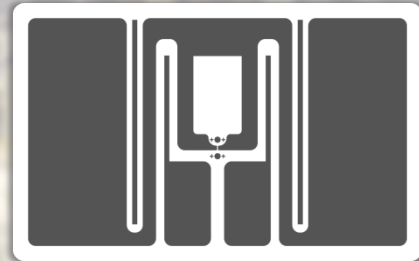


# EOS-300

**APPLICATIONS**



Apparel



## GENERAL SPECIFICATIONS

<b>Frequency</b>	FCC 902-928 MHz / ETSI 865-868 MHz / ASIA 950-956 MHz
<b>Protocol</b>	EPC Class 1 Gen 2
<b>EPC memory</b>	Up to 480 bits
<b>User memory</b>	Up to 512 bits
<b>Antenna size</b>	50 x 30 mm / 1.97 x 1.18 in
<b>Label size</b>	54 x 34 mm / 2.13 x 1.34 in

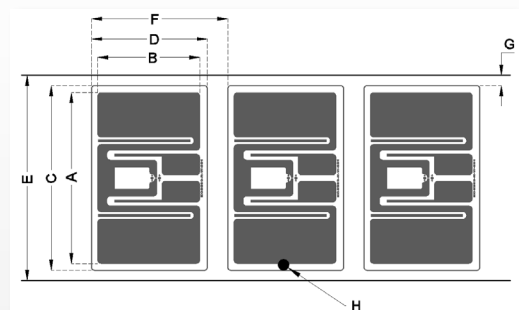
## AVAILABLE FORMATS



Adhesive label

## MECHANICAL DIMENSIONS

DIMENSIONS	DESCRIPTION	METRIC	US
A x B	Antenna size	50 x 30 mm	1.97 x 1.18 in
C x D	Label size	54 x 34 mm	2.13 x 1.34 in
E	Web width	60 mm	2.36 in
F	Pitch	40 mm ± 0,5 mm	1.57 in
G	Die-cut to web edge	3 mm	0.12 in
H	Bad mark	Ø 4 mm	Ø 0.16 in



FEED DIRECTION →



T A G E O S

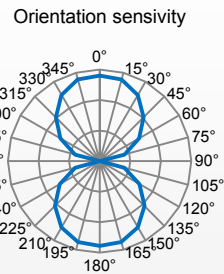
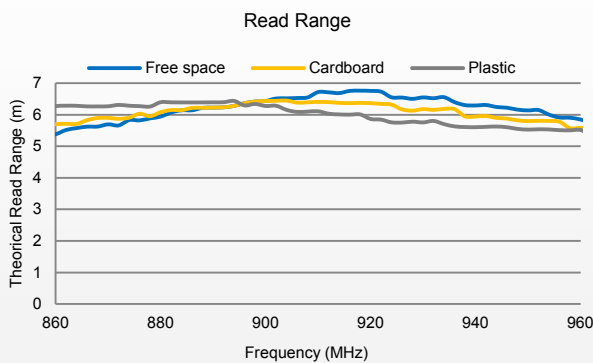
# RFID CHIP SILICON

TAG SILICON	ALIEN HIGGS 3	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
Operating frequency	860 – 960 MHz	860 – 960 MHz	860 – 960 MHz	860 – 960 MHz
EPC memory	Up to 480 bits	128 bits	96 bits	Up to 128 bits
User memory	512 bits	-	-	Up to 64 bits
Operating temperature	-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)

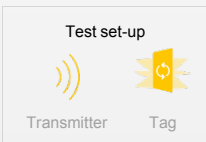
# PRODUCT CHARACTERISTICS

	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.



# 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	3500 pcs
Minimum order quantity	One roll

# CERTIFICATIONS & APPROVALS

European EPC Competence Center

University of Auburn Radio Compliance Center

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