




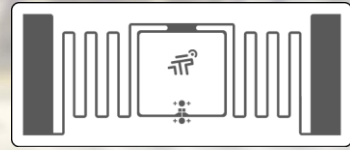
## EOS-241

45x19mm / 1.77x0.75in

**APPLICATIONS**



Apparel

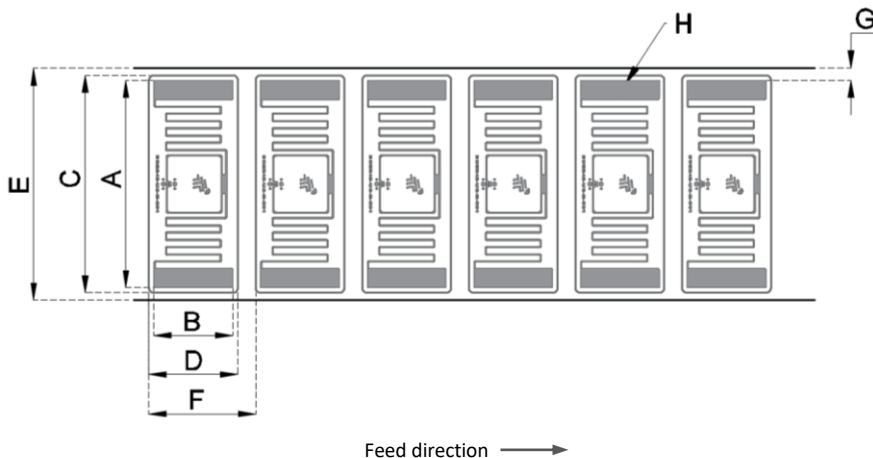


### GENERAL SPECIFICATION

<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 128 bits
<b>User memory</b>	Up to 64 bits
<b>Antenna size</b>	42 x 16 mm / 1.65 x 0.63 in
<b>Label size</b>	45 x 19 mm / 1.77 x 0.75 in

### MECHANICAL DIMENSIONS

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





T A G E O S

Product Specifications

# EOS-241

45x19mm / 1.77x0.75in

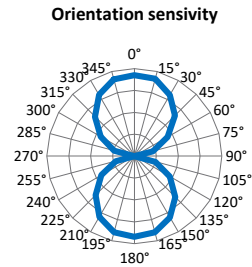
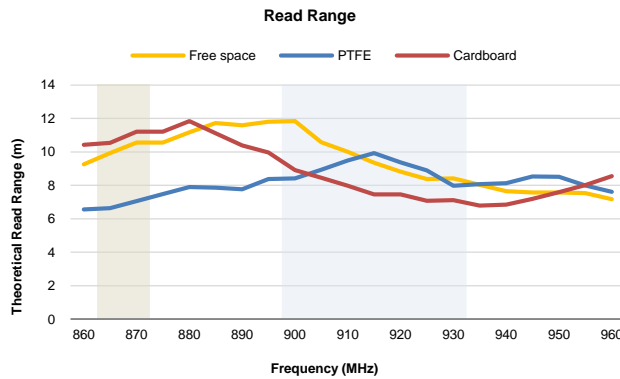
## RFID IC

IC	NXP Ucode 7	NXP Ucode 8	Impinj Monza R6 (R6-P & R6-A)
<b>Protocol</b>	EPC Class 1 Gen 2	EPC Class 1 Gen 2	EPC Class 1 Gen 2
<b>Operating frequency</b>	860 – 960 MHz	860 – 960 MHz	860 – 960 MHz
<b>EPC memory</b>	128 bits	128 bits	Up to 128 bits
<b>User memory</b>	-	-	Up to 64 bits
<b>Operating temperature</b>	-40°C / +85°C (-40°F / +185°F)	-40°C / +85°C (-40°F / +185°F)	-40°C / +85°C (-40°F / +185°F)

## MATERIAL CHARACTERISTICS

<b>Antenna material</b>	Aluminum
<b>Front face material</b>	White TT printable paper
<b>Back face material</b>	-
<b>Adhesive</b>	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

<b>Delivery format</b>	Roll (single row)
<b>Core inner diameter</b>	76 mm / 3 in
<b>Roll outer diameter</b>	200 mm / 7.87 in
<b>Unwinding direction</b>	Labels on outside of roll
<b>Standard roll size</b>	4000 pcs
<b>Final inspection</b>	100% tested, defective tags marked

## CONTACT

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