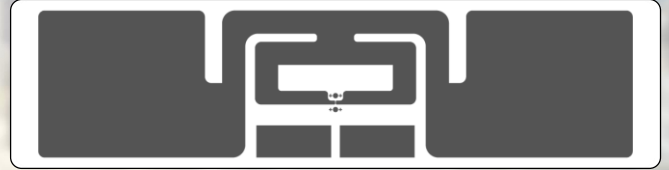




# EOS-500 R6

Plastic sticker

100x26mm / 3.94x1.02in

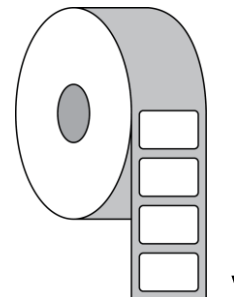


## GENERAL SPECIFICATION

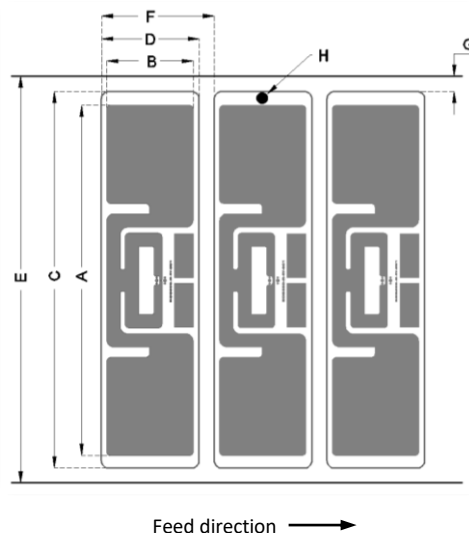
<b>Market applications</b>	Supply chain, Asset tracking
<b>Frequency</b>	860 - 960 MHz
<b>Protocol</b>	EPC Class 1 Gen 2 - ISO 18000-6C
<b>IC</b>	Impinj Monza R6
<b>Format</b>	Plastic sticker
<b>Antenna size</b>	93 x 23 mm (3.66 x 0.91 in)
<b>Finished size</b>	100 x 26 mm (3.94 x 1.02 in)

## MECHANICAL DIMENSIONS

<b>Antenna size</b>	A x B	93 x 23 mm	3.66 x 0.91 in
<b>Finished size</b>	C x D	100 x 26 mm	3.94 x 1.02 in
<b>Web width</b>	E	106 mm	4.17 in
<b>Pitch</b>	F	30 mm ± 0,5 mm	1.18 in
<b>Die-cut to web edge</b>	G	3 mm	0.12 in
<b>Bad mark (optional)</b>	H	∅ 4 mm	∅ 0.16 in



Front face on outside of roll





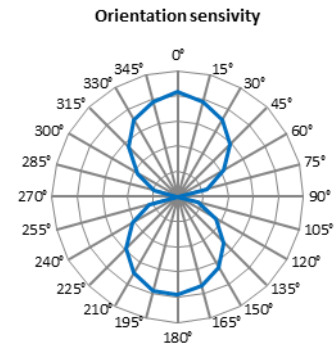
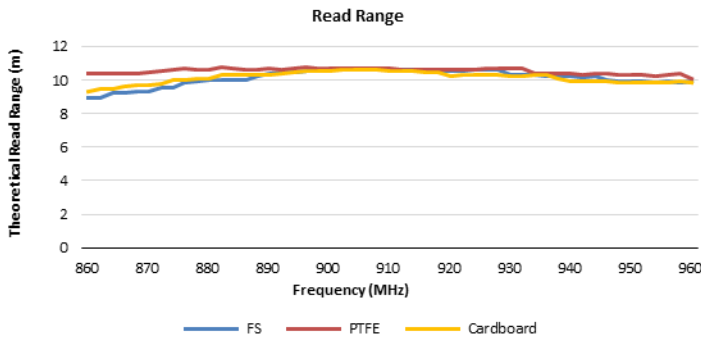
## RFID IC

IC	Impinj Monza R6
Protocol	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz
EPC memory	96 bits
User memory	-
Operating temperature	-40°C / +85°C (-40°F / +185°F)

## MATERIAL CHARACTERISTICS

Antenna material	Aluminum
Front face material	White TT printable plastic
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 Impinj Monza R6 tag silicon.

## PACKAGING DETAILS

Product code	5000000028	Box dimensions	25x25x37cm / 10x10x14.5in
Delivery format	Roll (single row)	Rolls per box	3
Core inner diameter	76 mm / 3 in	Tags/inlays per box	12 000
Roll outer diameter	200 mm / 7.87 in	Box gross weight	8,9 kg / 19,62 lbs
Unwinding direction	Labels on outside of roll	Pallet dimensions	120x80x118 cm / 47,2x31,5x46,5 in
Standard roll size	4 000 pcs	Boxes per pallet	36
Final inspection	100% tested	Tags/inlays per pallet	432 000
Minimum roll yield	99,00 %	Pallet gross weight	345,4 kg / 761,48 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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