

EOS-261 U9

T A G E O S

## Datasheet



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### Global-Compliant Versatile Solution for Retail and Logistics

The EOS-261 M730 inlay combines stable, high performance on various materials with a remarkably small footprint. It is the inlay of choice for multiple item-level applications in retail (particularly apparel, accessories, consumer electronics, home goods, and toys), logistics, automotive and industrial manufacturing.

The inlay is available in dry, 6up width web format.

Equipped with 128-bit EPC memory, the Impinj M730 RAIN RFID chip provides high performance, fast inventory capability, and advanced features for next-generation, universal RAIN RFID tags. It lends itself to solutions that include high-speed inventory counting, loss prevention with frictionless self-checkout, and embedded tagging with seamless product returns.

Tageos maintains annual ARC Quality Certification for all its manufacturing sites worldwide and was among the first companies to receive certification from the Auburn University RFID Lab in 2020. EOS-261 M730 complies with ARC specifications F, O, Q, R, Y2, W5, and W6.

Tageos complies with ISO 9001:2025 Quality Management and ISO 14001:2015 Environmental Management as well as utilizing sustainable manufacturing processes and materials, such as FSC®-certified paper, whenever possible. In addition, all Tageos products meet the RoHS and REACH environmental directives.

#### Overview

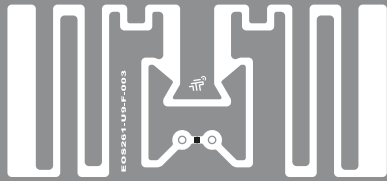
IC:	NXP UCODE 9
EPC/User Memory:	96 bit / - bit
TID Memory:	96 bit incl. 48 bit unique S/N
Frequency Band:	860 - 960 MHz
Protocol:	EPC Class 1 Gen 2 - ISO 18000-63

#### Application Areas

- Apparel
- Consumer Electronics
- Inventory Visibility
- Item Level Tagging
- Supply Chain Management



The mark of responsible forestry  
FSC® C166692



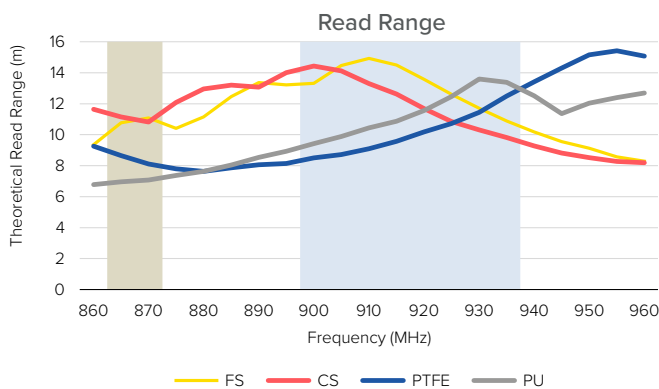
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## Technical Overview

### Dry - 6up

Product Code	2600000051	
Antenna Size	44 x 20 mm 1.73 x 0.79 in	
Finish Size	-	
Web Width	340.0 ± 1 mm 13.386 ± 0.04 in	
Pitch	26.04 ± 0.2 mm 1.025 ± 0.01 in	50.00 ± 0.2 mm 1.969 ± 0.01 in
ARC Approval	F, O, Q, R, Y2, W5, W6	
FSC® Certification	-	
Antenna Material	Aluminium	
Front Face	-	
Inlay Substrate	PET clear	
Inlay Adhesive	-	
Liner	-	
Operating Temperature	-40°C / +85°C   -40°F / +185°F @20% to 90% RH	
Shelf Life	2 years @ +25°C/40%RH	
Final Inspection	100% tested	



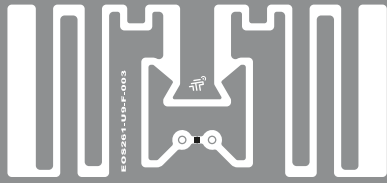
### Contact:

Tageos SAS (HQ) . 1340 rue de Pinville . 34000 Montpellier . France . sales@tageos.com



**Graphs:** All the graphs are indicative; performance in real life applications may vary. The data has been determined based on calculations for transmitters with a normal output power level and respective IC silicon. **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.

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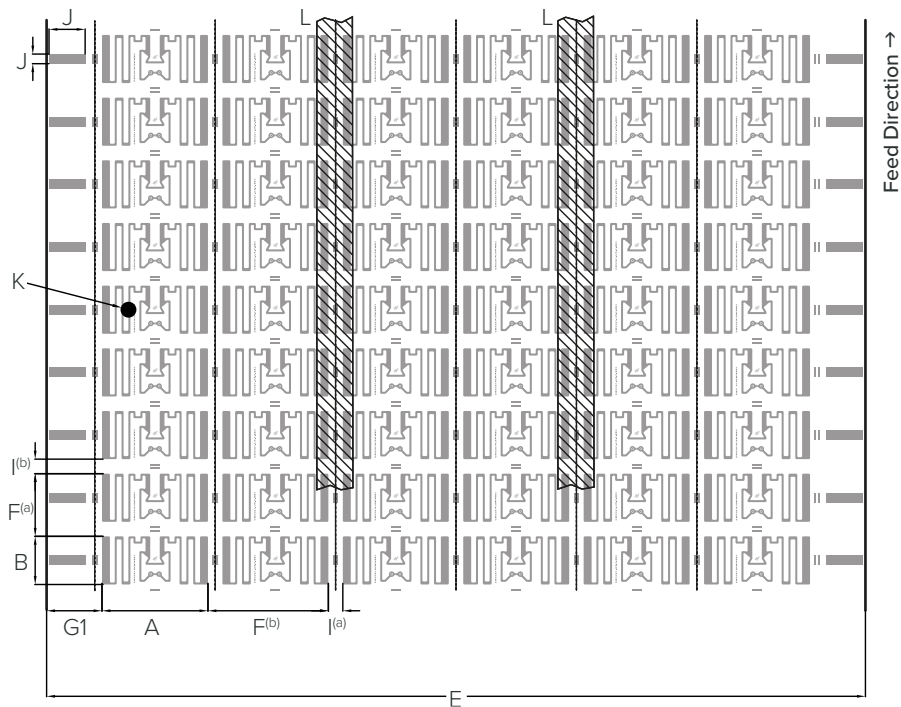


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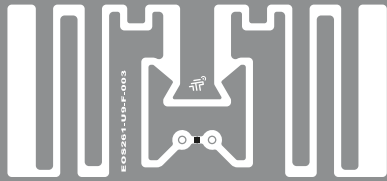
## Product Specifications

### Mechanical Dimensions



#### Dry - 6up

Product Code	2600000051	
Antenna Size	A x B 44 x 20 mm / 1.73 x 0.79 in	
Finish Size	C x D -	
Web Width	E	340.0 ± 1 mm / 13.386 ± 0.04 in
Pitch	F	26.04 ± 0.2 mm / 1.025 ± 0.01 in <sup>(a)</sup> 50.00 ± 0.2 mm / 1.969 ± 0.01 in <sup>(b)</sup>
Antenna to Web Edge	G1	23.0 ± 1 mm / 0.906 ± 0.04 in
Antenna to Die-cut	G2	-
Die-cut to Web Edge	H	-
Antenna Gap	I	6.00 mm / 0.236 in <sup>(a)</sup> 6.04 mm / 0.238 in <sup>(b)</sup>
Converting Spot	J	15.00 x 4.00 mm / 0.590 x 0.157 in
Bad Mark	K	Ø 6.0 mm / 0.236 in
Interleaves	L	Yes



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## Packing Details

### Dry - 6up

Product Code	2600000051
Delivery Format	Roll (multi row)
Core Inner Diameter	76 mm / 2.99 in
Roll Outer Diameter	337 mm / 13.27 in
Unwinding Direction	Inlay on outside of roll
Standard Roll Size	192 000 (-0% +1.5%)
Min. Guar. Yield/Roll	99%
Box Dimensions	38.5 x 38.5 x 37.0 cm / 15.16 x 15.16 x 14.57 in
Roll/Box	1
Inlays/Box	192 000
Box Gross Weight	25.06 kg / 55.25 lbs
Pallet Dimensions	120 x 80 x 126 cm / 47.2 x 31.5 x 49.6 in
Boxes/Pallet	18
Inlays/Pallet	3 456 000
Pallet Gross Weight	476 kg / 1 049 lbs

### Contact:

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