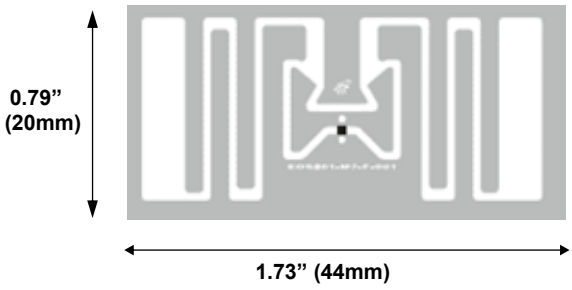
Tageos EOS-261 M730 RFID Inlay

General Purpose, Zebra-Certified RFID Inlay

The Tageos EOS-261 M730 RFID inlay is designed to meet the evolving demands of modern supply chain management, inventory tracking, and asset management applications. Leveraging the cutting-edge capabilities of the Impinj M730 chip, this inlay delivers exceptional performance, reliability, and efficiency. This high-performance inlay is tailored to provide superior read range, speed, and accuracy, ensuring seamless integration into diverse operational environments.



Enhanced Read Range and Sensitivity

The EOS-261 M730 RFID inlay incorporates advanced antenna design and superior chip technology, resulting in exceptional read range and sensitivity. This ensures that data is captured accurately and consistently, even in environments with dense tag populations or where tags are placed on challenging materials. This high level of performance minimizes missed reads and increases the reliability of your inventory data.

Versatility

The robust design of the EOS-261 M730 RFID inlay makes it suitable for use on a wide variety of materials, including textiles, plastics, and metals. This versatility allows for broad application across different industries, from retail to industrial manufacturing.

High-Speed Performance

At the heart of the EOS-261 M730 is the Impinj M730 chip, renowned for its rapid data processing capabilities. This high-speed performance translates to quicker inventory counts and more efficient data processing, allowing businesses to conduct frequent stock checks without significant downtime. This efficiency is crucial for industries like retail, where inventory accuracy directly impacts customer satisfaction and sales.

Zebra Certified for consistently exceptional performance

Zebra is ISO 9001 certified and uses quality processes to reduce instances of unsuccessful encoding. We pre-test labels with Zebra readers and printers to ensure industry-leading performance. Lastly, we use the same label material from order-to-order to safeguard consistency and quality.

Unmatched expertise in RFID

Zebra is your trusted expert in all things RFID. We offer end-to-end RFID solutions – including pre-tested RFID supplies made with the right materials and adhesives, along with the highest-performing inlays and chips – customized for your application. We have played a central role in pioneering RFID technologies and defining global standards since the mid-1990’s, when smart-label technology first appeared. We were recognized as the #1 RFID brand by the 2018 RFID Journal’s Brand Report. And we hold more than 575 RFID patents and numerous industry firsts in RFID.

Tageos EOS-261 M730 RFID inlay – Delivers enhanced performance, versatility, and reliability.

For more information, please visit www.zebra.com/rfidlabels

Specifications

Technical Information	
Chip	M730
EPC Memory	128-bit
User Memory	N/A
TID	96 bit factory locked (48 bit unique)
Read Sensitivity	-24 dBm
Write Sensitivity	-21 dBm
RFID Standards	EPC Gen2v2
Read Range	Up to 12m in open air
Theoretical Read Range: ETSI (865-868 MHz)1	
Air	10 m
Cardboard	13 m
Fiberglass	8 m
Glass	7 m
PTFE	14 m
Polyacetyl	8 m
PVC	8 m
Rubber	7 m
Theoretical Read Range: FCC (902-928 MHz)1	
Air	12 m
Cardboard	9 m
Fiberglass	11 m
Glass	6 m
PTFE	9 m
Polyacetyl	11 m
PVC	12 m
Rubber	6 m

Testing and Compliance

All inlays certified by Zebra have been pre-tested with Zebra printers and readers.

Material Testing in End Application

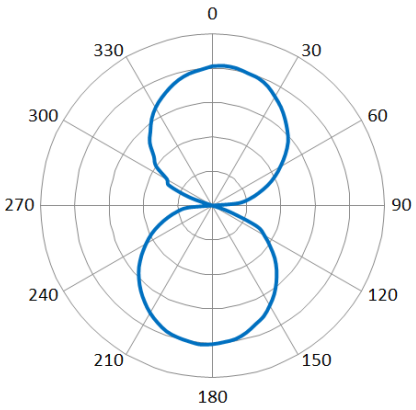
The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.

Radiation Pattern

**Read range drops to 12% of maximum when inlay is perpendicular (90° and 270°) to reading antenna. To learn more about radiation pattern, visit zebra.com/rfidlabels

Footnotes

*Theoretical read range data is meant to be directional. Actual performance will depend on your application and environment. Testing is recommend.



Markets and Applications

Transportation & Logistics
- Item and case level labeling

Retail
- Multiple item-level labeling: apparel, accessories, electronics, etc.

Manufacturing
- Item and case level labeling: automotive and industrial MFG

Healthcare
- Item and case level labeling

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