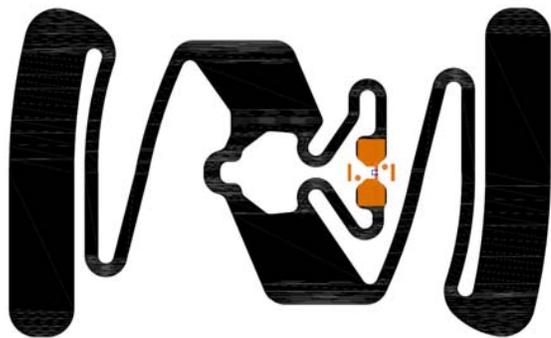


AD-826



AD-826 RFID Inlays

- Leveraging the AD-824 breakthrough antenna design, The AD-826 tag demonstrates the same excellent stackability and proximity performance in a small form factor.
- The unique antenna design enables direct stacking of tags up to 10 millimeters of each other
- The AD-826 gets a strong read range boost versus the AD-824.
- Available in Dry and Pressure sensitive versions with high yield/capacity rolls designed to integrate seamlessly into high-volume converting processes



Drawing not to scale

Electrical Characteristics	
Operating Frequency	Global (860 - 960MHz)
Integrated Circuit [IC] – Manufacturer & IC Name	Impinj Monza 3
RF Communications Protocol	ISO/IEC 18000-6C & EPCglobal Class 1 Gen 2
Memory	96 bits EPC

Environmental	
Operating Temperature	-40°F to 185°F [-40°C to 85°C]
RoHS	EU Directive 2002/95/EC compliant

Inlay Roll Format / Finishing	
Un-wind direction	Inlay-side out
Core size with adaptor insert	3 in [76.2 mm]
Maximum roll outer diameter [not to exceed]	12 in [305 mm]

Part Number	600197	600198	600199
Antenna dimensions, [CDxMD]	1.181 in [30mm] x 1.969 in [50mm]		
Die-cut dimensions			1.306 in [33.16mm] x 2.094 in [53.18mm]
Inlay-to-liner adhesive			S-490 (Fasson®)
Liner material			40# SCK (Fasson®)
Total thickness over chip [typical]	11 mils [279 microns]		14 mils [356 microns]
Standard pitch	2.5 in [63.5mm]		
Standard web widths	1.653 in [42mm]	1.339 in [34mm]	1.431 in [36.34mm]
Inlay substrate material	PET		
Quality assurance	100% read tested with out-of-tolerance inlay marked		100% edit and replace
Average number of units per roll	5,000		
Rev	03	03	04

CARE AND HANDLING RFID inlays are sensitive to ESD. Observe standard practices to keep environmental static charge to a minimum.

APPLICATIONS This product should be tested by the customer/user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use.

Warranty Please refer to Avery Dennison RFID standard terms and conditions. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

PRODUCT CHANGES Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice.

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