

Intelligent Labels for Aviation



Why RFID?

- Mishandling rates reduced by 13%*.
- Ramp loading time cut by 4 minutes per aircraft turn*.
- Baggage Handling System throughput increases up to 18%*.
- Read rates are 99.5% or better, which is 8 - 10% more than current barcode levels.
- Enhanced services for passengers such as real-time baggage tracking.

Why Avery Dennison?

As an IATA strategic partner

- Instrumental in supporting IATA to drive the RFID baggage tracking initiative globally.
- Significant contributor to the development of the IATA RFID implementation guide.
- Supporting industry education on RFID through IATA workshops globally.





Aviation RFID baggage industry ecosystem

- Focused on an end-to-end baggage journey ecosystem play providing full end to end deployment and integration.
- Global operational experience with leading airlines and airports in supporting the original and ongoing deployments of RFID with best-of-breed ecosystem partners.


Unique value

- Dedicated Global Aviation Industry Team.
- Position why RFID is a proven technology for baggage tracking.
- Supporting stakeholders to meet IATA R753 compliance.
- Uniquely positioned to discuss improving the passenger experience.
- “Trusted Advisor” within the Aviation industry.

Avery Dennison RFID product recommendations

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
AD-373		53 x 19 mm 2.09 x 0.75 in	NXP UCODE 7XM	448 bits / 2048 bits	48-Bit	Dry inlay Wet inlay	Asset Tracking
AD-550		38 x 76 mm 1.50 x 2.99 in	Impinj Monza 5	128 bits / 32 bits	48-Bit	Dry inlay Wet inlay	Baggage Tracking
AD-553			NXP UCODE 8	128 bits / -	96-Bit & 48-Bit		
AD-554			Impinj Monza R6-B	128 bits / - 96 bits / -	48-Bit		
AD-560		38 x 70 mm 1.50 x 2.76 in	Impinj Monza 4QT	128 bits / 512 bits	48-Bit	Dry inlay Wet inlay	Baggage Tracking
AD-681		50 x 50 mm 1.97 x 1.97 in	Impinj Monza 4D	128 bits / 32 bits	48-Bit	Dry inlay Wet inlay	Asset Tracking Package Tracking Supply Chain Management

Smartrac RFID product recommendations

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
Wings		30 x 72 mm 1.18 x 2.84 in	NXP UCODE 8	128 bits / -	Available	Dry inlay	Baggage Tracking





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