

Intelligent Labels for Pharmaceutical and Healthcare



Why RFID?

Inventory accuracy

- Faster stock checks.
- Eliminates manual paperwork.
- Easy to identify near expiration medication.
- Reduces processing time.

Reduced medical errors

- Eliminates human error.
 - Ensures all medication is correct and safe to use.
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Why Avery Dennison?

Broadest product range for any RFID challenge

- Global manufacturing footprint with one of the largest product ranges.
- Customized inlay and label products.
- Sustainable paper-based SmartFace®.

Most reliable and durable products ensuring consistent quality and performance

- Proprietary chip strap attach for most durable RFID tags (chip protection through life cycle).
- 100% Quality control ensures 99%+ functioning tags on roll to achieve maximum ROI.
- Minimal number of malfunctioning tags even after conversion.
- Less machine down time and wastage (label converting and application).



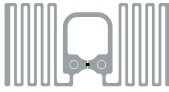



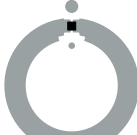

Valued services that help grow your business






- Low MOQs (from 1 roll).
- Free sampling service.
- Shipping of stock items within 24 hours.
- Fast response from local RFID tech/sales team.
- Quick product qualification & POC support.

Global network to expand your knowledge and capability


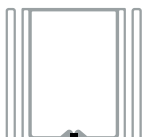
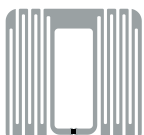
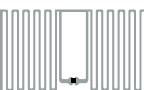
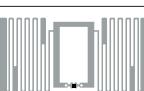
- New business opportunities from dedicated Business Development Managers and SMEs.
- RFID training academies and workshops at our I.Lab centers.
- Connect with local/global commercial partners.

Avery Dennison RFID product recommendations for small item tagging - vials, medicines

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
AD-172		22 x 12 mm 0.9 x 0.5 in	NXP UCODE 7	128 bits / -	96-Bit	Dry inlay Wet inlay Label / sticker	Fashion Jewelry / Sunglasses Pharmaceutical / Healthcare Personal Care Products
AD-180		Ø 26 mm 1.205 in	NXP UCODE 7	128 bits / -	96-Bit	Dry inlay Label / sticker	Home Essentials Personal Care Products Asset Tracking
AD-301		30 x 15 mm 1.20 x 0.60 in	Impinj Monza R6	96 bits / -	48-Bit	Dry inlay Wet inlay Label / sticker	Brand Protection Fashion Jewelry / Sunglasses Pharmaceutical / Healthcare
AD-321 FCC		41 x 16 mm 1.63 x 0.63 in	Impinj Monza R6	96 bits / -	48-Bit	Dry inlay Wet inlay	Supply Chain Management
			Impinj Monza R6-P	128 bits / 64 bits	48-Bit	Label / sticker	Home Essentials Inventory / Logistics
AD-806		16 x 16 mm 0.63 x 0.63 in	NXP UCODE 7	128 bits / -	96-Bit	Dry inlay Wet inlay	Jewelry Pharmaceutical / Healthcare
AD-810		Ø 16 mm 0.63 in	Impinj Monza R6	96 bits / -	48-Bit	Dry inlay Wet inlay	Asset tracking Pharmaceutical / Healthcare
AD-850		Ø 10 mm 0.4 in	Impinj Monza 4QT	128 bits / 512 bits	48-Bit	Dry inlay Wet inlay	Asset tracking Pharmaceutical / Healthcare
AD-226		95 x 8 mm 3.74 x 0.32 in	NXP G2iM	256 bits / 512 bits	96-Bit & 48-Bit	Dry inlay Wet inlay	Supply Chain Management Inventory Asset Tracking
AD-229			Impinj Monza R6	96 bits / -	48-Bit	Dry inlay Wet inlay	Returnable Transport Units (RTUs)
AD-229			Impinj Monza R6-P	128 bits / 64 bits	48-Bit		Supply Chain Management Brand Protection

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
AD-236		70 x 15 mm 2.76 x 0.57 in	NXP UCODE 7	128 bits / - 96 bits / -	96-Bit & 48-Bit	Dry inlay Wet inlay	Brand Protection Supply Chain Management
AD-237			Impinj Monza R6	96 bits / -	48-Bit	Label / sticker	Home Essentials
AD-237			Impinj Monza R6-P	128 bits / 64 bits	48-Bit		
AD-238			NXP UCODE 8	128 bits / -	96-Bit & 48-Bit		
AD-454		69.85 x 19.05 mm 2.75 x 0.75 in	Impinj Monza R6-P	128 bits / -	48-Bit	Label / sticker	On-Metal Asset Tracking
AD-456		64 x 6 mm 2.52 x 0.24 in	NXP UCODE 8	128 bits / -	96-Bit & 48-Bit	Label / sticker	On-Metal Asset Tracking Brand Protection Food Item-Level Retail

Smartrac RFID product recommendations

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
Midas Flag Tag		31.41 x 18 mm 1.24 x 0.71 in	Impinj Monza R6	96 bits / -	Available	Wet inlay	On-Metal Asset Tracking
			Impinj Monza R6-P	128 bits / 32 bits		Wet inlay	Metal / Liquids Supply Chain Management
Fly		12 x 12 mm 0.5 x 0.5 in	NXP UCODE 7XM	448 bits / 2048 bits	Available	Dry inlay Wet inlay Label / sticker	Aerospace Pharmaceutical / Healthcare
Grille		22 x 22 mm 0.90 x 0.90 in	NXP UCODE 7XM	448 bits / 2048 bits	Available	Dry inlay Wet inlay Label / sticker	Aerospace Pharmaceutical / Healthcare
Bling		22 x 12 mm 0.9 x 0.5 in	Impinj Monza R6	96 bits / -	-	Dry inlay Wet inlay	Fashion Jewelry / Sunglasses
			Impinj Monza R6-P	128 bits / 32 bits	-	Label / sticker	Pharmaceutical / Healthcare Personal Care Products
Accessory		30 x 15 mm 1.20 x 0.60 in	Impinj Monza R6	128 bits / 32 bits 96 bits / -	-	Dry inlay Wet inlay	Fashion Jewelry / Sunglasses
			Impinj Monza R6-P	128 bits / 32 bits	-	Label / sticker	Children Accessories Pharmaceutical / Healthcare



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Drawings not to scale. The chart contained herein is only intended as a suggestive guide for preliminary inlay selection. Please refer to www.averydennison.com/rfid for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.