

Intelligent Labels for Retail Apparel



Why RFID?

Inventory accuracy

- Up to 92% faster* stock counts vs barcode.
- Up to 80% reduction* in 'out of stock'.

Loss prevention

- Improved stock visibility.
- Increased internal control.

Logistics

- Increased delivery accuracy.
- Faster processing speed.

Customer experience

- 4-10%* sales increase.
- Improved returns process.
- Interactive communications.
- Fast automated self checkout.

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






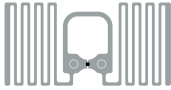
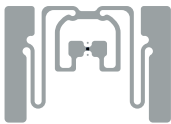






- Low MOQs (from 1 roll).
- Free sampling service.
- Shipping of stock items within 24 hours.
- Fast response from local RFID tech/sales team.
- Quick product qualification & POC support.




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.

*Independent results may vary









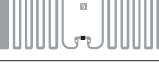



Avery Dennison RFID product recommendations

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
AD-173		27 x 14 mm 1.06 x 0.55 in	NXP UCODE 8	128 bits / -	96-Bit & 48-Bit	Label / sticker	Home Essentials Fashion Jewelry / Sunglasses Pharmaceutical / Healthcare
AD-190		22 x 13 mm 0.87 x 0.49 in	NXP UCODE 8	128 bits / -	96-Bit & 48-Bit	Dry inlay Wet inlay Label / sticker	Fashion Jewelry / Sunglasses Pharmaceutical / Healthcare Personal Care Products
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	
AD-237			Impinj Monza R6-P	128 bits / 64 bits	48-Bit		
AD-238			NXP UCODE 8	128 bits / -	96-Bit & 48-Bit		
AD-301		15 x 30 mm 0.6 x 1.2 in	Impinj Monza R6	96 bits / -	48-Bit	Dry inlay Wet inlay	Brand Protection Fashion Jewelry / Sunglasses Pharmaceutical / Healthcare
			Impinj Monza R6-P	128 bits / 64 bits	48-Bit	Label / sticker	
AD-310		41 x 29 mm 1.60 x 1.10 in	NXP UCODE 8	96 bits / -	96-Bit & 48-Bit	Dry inlay Wet inlay Label / sticker	Supply Chain Management Brand Protection Home Essentials
AD-320		41 x 16 mm 1.63 x 0.63 in	NXP UCODE 7	128 bits / 32 bits	96-Bit & 48-Bit	Label / sticker	Supply Chain Management Home Essentials Inventory / Logistics
AD-321 ETSI		41 x 16 mm 1.63 x 0.63 in	Impinj Monza R6-P	128 bits / 64 bits	48-Bit	Label / sticker	Supply Chain Management Home Essentials
AD-321 FCC			Impinj Monza R6-P	128 bits / 64 bits	48-Bit	Dry inlay Wet inlay	
			Impinj Monza R6	96 bits / -	48-Bit	Label / sticker	
AD-324 ETSI		41 x 16 mm 1.63 x 0.63 in	NXP UCODE 8	128 bits / -	96-Bit & 48-Bit	Dry inlay Wet inlay	Inventory / Logistics Supply Chain Management
AD-324 FCC						Label / sticker	
AD-332		70 x 15 mm 2.76 x 0.57 in	NXP UCODE 8	128 bits / -	96-Bit & 48-Bit	Wet inlay Label / sticker	Inventory / Logistics Supply Chain Management

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
AD-350		76 x 6 mm 2.99 x 0.24 in	NXP UCODE 8	128 bits / -	96-Bit & 48-Bit	Dry inlay Wet inlay Label / sticker	Supply Chain Management Home Essentials
AD-370		53 x 19 mm 2.09 x 0.75 in	NXP UCODE 7	128 bits / -	96-Bit & 48-Bit	Dry inlay Wet inlay Label / sticker	Home Essentials
AD-372			NXP UCODE 8				Supply Chain Management
AD-383		50 x 30 mm 1.97 x 1.18 in	NXP UCODE 7	128 bits / -	96-Bit	Dry inlay Wet inlay Label / sticker	Supply Chain Management
AD-384			Impinj Monza R6	128 bits / - 96 bits / -	48-Bit		Home Essentials
			Impinj Monza R6-P	128 bits / 64 bits	48-Bit		Brand Protection
AD-385			NXP UCODE 8	128 bits / -	96-Bit		



Smartrac RFID product recommendations

Product Name	Design (not to scale)	Antenna Dimensions	Chip	EPC and User Memory	TID Memory	Delivery Format	Applications
Belt		70 x 14 mm 2.75 x 0.55 in	NXP UCODE 8	128 bits / -	-	Dry inlay	Brand Protection
		70 x 10 mm 2.76 x 0.39 in	Impinj Monza R6	96 bits / -	-	Wet inlay	Supply Chain Management
			Impinj Monza R6-P	128 bits / 32 bits	-	Label / sticker	Home Essentials
Web		50 x 30 mm 1.97 x 1.18 in	NXP UCODE 8	128 bits / -	Available for all	Dry inlay	Supply Chain Management
			Impinj Monza R6	96 bits / -		Wet inlay	Home Essentials
			Impinj Monza R6-P	128 bits / 32 bits		Label / sticker	Brand Protection
Eagle		44 x 28 mm 1.70 x 1.10 in	NXP UCODE 8	128 bits / -	Available	Dry inlay	Supply Chain Management
						Label / sticker	Brand Protection Home Essentials
Miniweb		42 x 16 mm 1.65 x 0.63 in	Impinj Monza R6	96 bits / -	Available	Dry inlay	Supply Chain Management
			Impinj Monza R6-P	128 bits / 32 bits		Wet inlay	Home Essentials
			NXP UCODE 8 (ETSI)	128 bits / -		Label / sticker	Inventory / Logistics
			NXP UCODE 8 (FCC)	128 bits / -			
Accessory		30 x 15 mm 1.20 x 0.60 in	Impinj Monza R6	128 bits / 32 bits 96 bits / -	-	Dry inlay	Fashion Jewelry / Sunglasses
			Impinj Monza R6-P	128 bits / 32 bits		Label / sticker	Children Accessories
Bling		22 x 12 mm 0.9 x 0.5 in	Impinj Monza R6	96 bits / -	-	Dry inlay	Pharmaceutical / Healthcare
			Impinj Monza R6-P	128 bits / 32 bits		Label / sticker	



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