

Intelligent Labels for Inventory Management



Why RFID?

- 99% inventory accuracy*.
 - 10 times faster* stock counts = lower labor costs.
 - Increased inventory visibility.
 - Long read range (up to 10 meters).
 - No line of sight required to read item information.
 - Reduced 'out of stock' = increased sales.
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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).


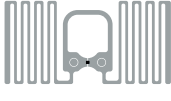








Valued services that help grow your business



- 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 inventory items

| 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-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 |
| | | | Impinj Monza R6-P | 128 bits / 64 bits | 48-Bit | | |
| AD-321 FCC |  | 41 x 16 mm 1.63 x 0.63 in | Impinj Monza R6 | 96 bits / - | 48-Bit | Dry inlay Wet inlay Label / sticker | Supply Chain Management Home Essentials Inventory / Logistics |
| | | | Impinj Monza R6-P | 128 bits / 64 bits | 48-Bit | | |
| AD-324 |  | 41 x 16 mm 1.63 x 0.63 in | NXP UCODE 8 | 128 bits / - | 96-Bit & 48-Bit | Dry inlay Wet inlay Label / sticker | Supply Chain Management Home Essentials Inventory / Logistics |
| 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 Supply Chain Management |
| 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-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) Supply Chain Management Brand Protection |
| AD-229 | | | Impinj Monza R6-P | 128 bits / 64 bits | 48-Bit | | |
| 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 | |
| AD-237 | | | Impinj Monza R6-P | 128 bits / 64 bits | 48-Bit | | |
| AD-238 |  | | NXP UCODE 8 | 128 bits / - | 96-Bit & 48-Bit | | |

| Product Name | Design (not to scale) | Antenna Dimensions | Chip | EPC and User Memory | TID Memory | Delivery Format | Applications |
|--------------|---|------------------------------|-------------------|---------------------|-----------------|------------------------|---|
| AD-680 |  | 50 x 50 mm 1.97 x 1.97 in | Impinj Monza R6 | 96 bits / - | 96-Bit & 48-Bit | Dry inlay Wet inlay | Asset Tracking Package tracking |
| AD-680 | | | Impinj Monza R6-P | 128 bits / 64 bits | | | |
| 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 |
| AD-681 | | | Impinj Monza 4i | 128 bits / 480 bits | 48-Bit | | |
| AD-681 | | | Impinj Monza 4QT | 128 bits / 512 bits | 48-Bit | | |

Smartrac RFID product recommendations

| Product Name | Design (not to scale) | Antenna Dimensions | Chip | EPC and User Memory | TID Memory | Delivery Format | Applications |
|--------------|---|------------------------------|-------------------|---------------------|-------------------|---|--|
| Web |  | 50 x 30 mm 1.97 x 1.18 in | NXP UCODE 8 | 128 bits / - | Available for all | Dry inlay Wet inlay Label / sticker | Supply Chain Management Home Essentials Brand Protection |
| | | | Impinj Monza R6 | 96 bits / - | | | |
| | | | Impinj Monza R6-P | 128 bits / 32 bits | | | |
| Belt |  | 70 x 14 mm 2.75 x 0.55 in | NXP UCODE 8 | 128 bits / - | - | Dry inlay Wet inlay | Brand Protection Supply Chain Management |
| | | | Impinj Monza R6 | 96 bits / - | | | |
| |  | 70 x 10 mm 2.76 x 0.39 in | Impinj Monza R6-P | 128 bits / 32 bits | | | |
| | | | NXP UCODE 7 | 128 bits / - | | | |
| |  | 70 x 10 mm 2.76 x 0.39 in | NXP UCODE 7XM | 448 bits / 2048 bit | | | |