

Avery Dennison  
Smartrac  
Product portfolio

January 2023

# Digital labeling technologies that optimize RFID performance



# Why choose Avery Dennison Smartrac?

As the world's largest RFID partner, we provide solutions for multiple industries, from retail and food, to healthcare and aviation.

Our integrated global RFID approach is proven to increase inventory accuracy, improve supply chain agility and enhance visibility across all channels.

When you choose Avery Dennison, you get field-proven inlay products, advanced research and testing capabilities, experienced engineering and technical resources, and, most importantly, a partner with a deep understanding of what it takes to make your application successful.

Sustainability is at the core of everything we do, from innovation and product design to development and production. The majority of our inlays now feature our patented SmartFace™ technology, which is one of the most sustainable solutions on the market, reducing your brand's environmental impact.

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## Applications



Item-level retail:  
Apparel, accessories, cosmetics, jewelry, food and general retail



Healthcare: Medical and pharmaceutical



Transportation: Automotive and aviation



Industrial logistics and manufacturing



Animal identification



Brand protection and product authentication



Supply chain, asset tracking, inventory and logistics



Contactless cards and tickets



Library, media, documents and files

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## Sustainability



























Our Pure portfolio of environmentally friendly inlays include a family of UHF RFID inlay designs that feature antennas made from pure aluminum in the final inlay construction.


















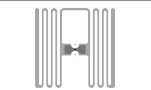



Contact information  
[rfid.averydennison.com/contact](https://rfid.averydennison.com/contact)  
North America: +1-866-903-7343  
(toll free US)  
International: +1-678-617-2359

With Avery Dennison, you get the benefit of our relationships with best-in-class chip and reader manufacturers, label and tag converters and systems integrators across the globe. We can support you with the most challenging RFID projects across all channels, offering the total solution to meet your business needs.
















## UHF RFID inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
AD Accessory		30 x 15 mm 1.20 x 0.60 in	Impinj M730 Impinj M750	Apparel Healthcare
AD Accessory		30 x 15 mm 1.20 x 0.60 in	NXP UCODE 9	Apparel Healthcare
AD-130		45 x 7.5 mm 1.772 x 0.295 in	NXP UCODE 8	Beauty & Personal Care Healthcare Apparel
AD-151		22 x 15 mm 0.90 x 0.60 in	NXP G2iM	Apparel Automotive
AD-163		60 x 4 mm 2.36 x 0.16 in	NXP UCODE 8	Beauty and Personal Care Healthcare
AD-164		60 x 4 mm 2.36 x 0.16 in	NXP UCODE 9	Beauty and Personal Care Healthcare
AD-173		27 x 14 mm 1.06 x 0.55 in	NXP UCODE 8	Apparel Beauty and Personal Care Healthcare
AD-183		Ø 26 mm Ø 1.02 in	NXP UCODE 9	Home Essentials Personal Care Products Asset Tracking
AD-190		22 x 12.5 mm 0.9 x 0.5 in	NXP UCODE 8	Apparel Healthcare Beauty and Personal Care
AD-192		22 x 12.5 mm 0.9 x 0.5 in	Impinj M730 Impinj M750	Apparel Healthcare Beauty and Personal Care
AD-226		95 x 8.15 mm 3.74 x 0.32 in	NXP G2iM	Automotive Industrial Applications Logistics
AD-23x		70 x 14.5 mm 2.76 x 0.57 in	NXP UCODE 9	Apparel Industrial Applications
AD-23x Pure 		70 x 14.5 mm 2.76 x 0.57 in	NXP UCODE 9	Apparel Industrial Applications
AD-23x Slim		70 x 10.5 mm 2.75 x 0.413 in	NXP UCODE 9	Apparel Industrial Applications
AD-239		70 x 14.5 mm 2.76 x 0.57 in	Impinj M730 Impinj M750	Apparel Industrial Applications
AD-251 ETSI		95 x 14.5 mm 3.74 x 0.57 in	Impinj Monza R6-P	Food
AD-251 FCC		95 x 13 mm 3.74 x 0.52 in	Impinj Monza R6-P	Food
AD-302		30 x 15 mm 1.20 x 0.60 in	Impinj M730 Impinj M750	Apparel Healthcare
AD-311		41.4 mm x 29 mm 1.63 x 1.142 in	Impinj M730 Impinj M750	Apparel Logistics Healthcare
AD-312		41.4 x 29 mm 1.60 x 1.10 in	NXP UCODE 9	Apparel Logistics
AD-324 FCC		41.4 x 16 mm 1.63 x 0.63 in	NXP UCODE 8	Healthcare Logistics
AD-325		42.5 x 17 mm 1.67 x 0.67 in	Impinj M730 Impinj M750	Apparel Home Essentials Supply Chain Management
AD-327 ETSI		41.4 x 16 mm 1.63 x 0.63 in	NXP UCODE 9	Apparel Logistics Healthcare



















# UHF RFID inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
AD-327 ETSI Pure 		41.4 x 16 mm 1.63 x 0.63 in	NXP UCODE 9	Apparel Logistics Healthcare
AD-327 FCC		42.5 x 17 mm 1.67 x 0.67 in	NXP UCODE 9	Apparel Logistics Healthcare
AD-333		70 x 14.4 mm 2.76 x 0.57 in	NXP UCODE 9	Apparel Logistics
AD-333 Pure 		70 x 14.4 mm 2.76 x 0.57 in	NXP UCODE 9	Apparel Logistics
AD-334		70 x 14.4 mm 2.76 x 0.57 in	Impinj M730 Impinj M750	Apparel Logistics
AD-350 WEL		76 x 6 mm 2.99 x 0.24 in	NXP UCODE 8	Apparel Logistics
AD-350 NEL		6 x 76 mm 0.24 x 2.99 in	NXP UCODE 8	Apparel Logistics
AD-366 Dual UHF + EAS		73.1 x 37.7 mm 2.88 x 1.49 in	NXP UCODE 9	Apparel Supply Chain
AD-372 WEL		53 x 19 mm 2.09 x 0.75 in	NXP UCODE 8	Apparel Logistics
AD-373		53 x 19 mm 2.09 x 0.75 in	NXP UCODE 7XM	Asset Tracking Automotive Aviation
AD-374 NEL		19 x 53 mm 0.75 x 2.09 in	NXP UCODE 9	Apparel Healthcare Logistics
AD-380		50 x 30 mm 1.97 x 1.18 in	NXP G2iM	Apparel Automotive Logistics
AD-386		50 x 30 mm 1.97 x 1.18 in	Impinj M730 Impinj M750	Apparel Logistics
AD-387 WEL		50 x 30 mm 1.97 x 1.18 in	NXP UCODE 9	Apparel Logistics
AD-387 NEL		30 x 50 mm 1.18 x 1.97 in	NXP UCODE 9	Apparel Logistics
AD-400		23 x 23 mm 0.906 x 0.906 in	NXP UCODE 9	Retail Logistics Asset Tracking
AD-456 ETSI AD-456 FCC		64 x 6 mm 2.52 x 0.24 in	NXP UCODE 8	Beauty and Personal Care Food
AD-553		38 x 76 mm 1.50 x 2.99 in	NXP UCODE 8	Aviation
AD-556		38 x 46 mm 1.50 x 1.80 in	Impinj M730 Impinj M750	Automotive Supply Chain Aviation












# UHF RFID inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
AD-560		38 x 70 mm 1.50 x 2.76 in	Impinj Monza 4QT	Aviation
AD-662		90 x 19 mm 3.54 x 0.75 in	NXP UCODE DNA	Automotive Industrial Applications Sports and Events
AD-663		90 x 19 mm 3.54 x 0.75 in	NXP UCODE 7XM	Automotive Industrial Applications Sports and Events
AD-681		50 x 50 mm 1.97 x 1.97 in	Impinj Monza 4D / 4QT / 4i	Logistics
AD-834		Ø 13 mm Ø .512 in	NXP UCODE 9	Non-food Retail
AD-850		Ø 10 mm 0.4 in	Impinj Monza 4QT	Automotive Healthcare
AD Belt		70 x 14 mm 2.756 x 0.551 in	NXP UCODE G2iL	Apparel Industrial Applications
AD Belt		70 x 14 mm 2.75 x 0.55 in	NXP UCODE 9	Apparel Industrial Applications
AD Belt		70 x 14 mm 2.75 x 0.55 in	Impinj M730 Impinj M750	Apparel Automotive Logistics
AD Belt H		70 x 14.6 mm 2.76 x 0.58 in	Impinj M730 Impinj M750	Apparel Logistics
AD Belt DF		70 x 20 mm 2.76 x 0.79 in	EM4425	Apparel Healthcare Industrial Applications
AD Bling		22 x 12 mm 0.9 x 0.5 in	Impinj M730 Impinj M750	Apparel Beauty and Personal Care Healthcare
AD Dogbone®		94 x 24mm 3.7 x 0.9 in	NXP UCODE 9	Automotive Industrial Applications Sports and Events
AD Dogbone®		94 x 24 mm 3.70 x 0.90 in	NXP UCODE 7XM	Automotive Industrial Applications Sports and Events
AD Dogbone®		94 x 24 mm 3.70 x 0.90 in	M781	Industrial Applications Automotive



# UHF RFID inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
AD Dogbone®		94 x 24 mm 3.70 x 0.90 in	Impinj M730 Impinj M750	Automotive Logistics Sports and Events
AD Eagle®		44 x 28 mm 1.73 x 1.10 in	NXP UCODE 9	Apparel Logistics
AD Eagle®		44 x 28 mm 1.70 x 1.10 in	Impinj M730 Impinj M750	Apparel Logistics
AD Fly		12 x 12 mm 0.5 x 0.5 in	NXP UCODE 7XM	Automotive
AD Force		50 x 30 mm 1.97 x 1.18 in	Impinj M775	Healthcare Retail
AD Grille		22 x 22 mm 0.87 x 0.87 in	U9	Automotive
AD Grip		80 x 40 mm 3.14 x 1.57 in	Impinj M730	Automotive Industrial Applications
AD Longbow		70 x 8 mm 2.756 x 0.315 in	NXP UCODE 9	Apparel Industrial Applications
AD Midas Flagtag		34.4 x 18 mm 1.36 x 0.71 in	Impinj M730 Impinj M750	Automotive Aviation Industrial Applications Logistics
AD Midas Flagtag DF		31.4 x 48 mm 1.236 x 0.89 in	EM4425 (V12)	Industrial Applications Retail
AD Midas Flagtag		47 x 18 mm 1.85 x 0.71 in	NXP UCODE 7XM	Automotive Logistics Industrial Applications
AD Minidose		12 x 22 mm 0.47 x 0.87 in	NXP UCODE 8 NXP UCODE 9	Apparel Beauty and Personal Care Healthcare
AD Miniweb FCC		42 x 16 mm 1.70 x 0.60 in	Impinj M730 Impinj M750	Apparel Automotive Logistics
AD Miniweb ETSI		42 x 16 mm 1.7 x 0.6 in	NXP UCODE 9	Apparel Logistics Healthcare
AD Miniweb FCC		42 x 16 mm 1.7 x 0.6 in	NXP UCODE 9	Apparel Logistics Healthcare
AD Miniweb FCC		42 x 16 mm 1.65 x 0.63 in	M780	Automotive
AD Miniweb Global		42 x 16 mm 1.70 x 0.60 in	Impinj M730 Impinj M750	Apparel Automotive Logistics
AD Shortdipole		93 x 11 mm 3.66 x 0.44 in	NXP UCODE 8	Apparel Logistics Industrial Applications


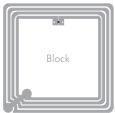





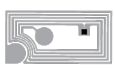
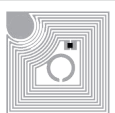



# UHF RFID inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
AD Skyline		112 x 23 mm 4.41 x 0.91 in	NXP UCODE 7XM	Automotive Industrial Applications Logistics
AD Slim DF		74.2 x 10.7 mm 2.921 x 0.421 in	EM4425	RTIs, Medical device
AD Squarewave		93 x 11 mm 3.661 x 0.433 in	Impinj M730 Impinj M750	Apparel Automotive Logistics
AD TracX-DCA		50 x 50 mm 1.97 x 1.97 in	M730/M750	Automotive Industrial Applications Logistics
AD TracX-Strap		50 x 50 mm 1.97 x 1.97 in	M730/M750	Automotive Industrial Applications Logistics
AD Twist		27 x 27 mm 1.063 x 1.063 in	NXP UCODE 7XM	Automotive Industrial Applications Logistics
AD Trap		8 x 22 mm 0.32 x 0.87 in	Impinj M730 Impinj M750	Consumer Electronics Healthcare, Apparel
AD Web		50 x 30 mm 1.97 x 1.18 in	NXP UCODE 9	Apparel Logistics
AD Web		50 x 30 mm 1.97 x 1.18 in	Impinj M730 Impinj M750	Apparel Logistics
AD Web DF		45 x 28 mm 1.77 x 1.10 in	EM4425	Apparel Industrial Applications
AD Shortdipole		93 x 11 mm 3.66 x 0.44 in	NXP UCODE 8	Apparel Logistics Industrial Applications

## UHF RFID sensor inlays









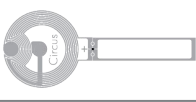
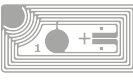
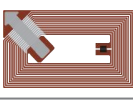


Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>Sensor Tadpole</b>		18 x 82.15 mm 0.71 x 3.23 in 18 x 81.87 mm 0.71 x 3.18 in	Axzon Magnus S3	Automotive Industrial Applications
<b>Temperature Sensor Dogbone®</b>		89 x 24 mm 3.50 x 0.90 in	Axzon Magnus S3	Food Healthcare Industrial Applications

## HF inlays






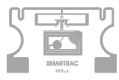

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>AD Band</b>		23 x 70 mm 0.91 x 2.76 in	NXP ICODE ILT-M	Management Media and Document
<b>AD Block</b>		45 x 45 mm 1.77 x 1.77 in	NXP ICODE ILT-M	Industrial Applications Management Media and Document
<b>AD Block Lite</b>		47 x 47 mm 1.85 x 1.85 in	NXP ICODE SLIX / SLIX 2	Industrial Applications Management Media and Document
<b>AD Bullseye™</b>		Ø 33 mm 1.30 in	NXP ICODE SLIX / SLIX 2	Industrial Applications Management Media and Document
<b>AD Circus™</b>		Ø 18 mm 0.71 in	NXP ICODE SLIX / SLIX 2	Industrial Applications
<b>AD Circus™</b>		Ø 18 mm 0.71 in	ICODE ILT-M	Pharmaceutical and Healthcare Management Media and Document
<b>AD Microblock</b>		8 x 8 mm 0.315 x 0.315 in	NXP ICODE SLIX	Pharmaceutical and Healthcare
<b>AD Microtrack</b>		20 x 10 mm 0.79 x 0.39 in	NXP ICODE SLIX	Industrial Applications
<b>AD Miniblock</b>		14.5 x 14.5 mm 0.57 x 0.57 in	NXP ICODE SLIX / SLIX 2	Industrial Applications
<b>AD Minitrack</b>		14 x 31 mm 0.55 x 1.22 in	NXP ICODE SLIX / SLIX 2	Industrial Applications
<b>AD Racetrack</b>		45 x 76 mm 1.772 x 2.992 in	NXP ICODE SLIX / SLIX 2	Industrial Applications Management Media and Document
<b>AD Stingray</b>		105 mm 4.134 in	NXP ICODE SLIX / SLIX 2	Industrial Applications Management Media and Document





# NFC inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>AD Bullseye™ On-Metal</b>		35 mm 1.378 in	NXP NTAG213	Industrial Applications
<b>AD Bullseye™ NFC</b>		35 mm 1.378 in	NXP NTAG216 NXP NTAG213	Apparel Beauty and Personal Care Electronics and Gaming
<b>AD Bullseye™ NFC</b>		35 mm 1.378 in	Sony FeliCa Lite-S	Apparel Beauty and Personal Care Electronics and Gaming
<b>AD Circus™ NFC</b>		Ø 20 mm 0.79 in	NXP NTAG210 Micro NXP NTAG213 NXP NTAG216 ST25TN512 ST25TN01K	Apparel Electronics and Gaming
<b>AD Circus™ Flex</b>		Ø 20 mm 0.79 in	NXP NTAG213	Apparel Electronics and Gaming
<b>AD Circus™ On-metal</b>		Ø 20 mm 0.79 in	NXP NTAG213	Industrial Applications
<b>AD Circus™ Mini</b>		Ø 16 mm 0.63 in	NXP NTAG213	Apparel Electronics and Gaming Food
<b>AD Circus™ Pro</b>		Ø 20 mm 0.79 in	Em linq (EM 4332) NXP NTAG424 DNA	Beauty and Personal Care Food Healthcare
<b>AD Circus™ Tamper Loop</b>		20 x 50 mm 0.79 x 2.0 in	NXP NTAG213 TT	Apparel Electronics and Gaming
<b>AD Midas Slim</b>		17 x 85 mm 0.669 x 0.335 in	NXP NTAG210 Micro NXP NTAG213	Electronics and Gaming Food Beauty and Personal
<b>AD Midas NFC</b>		10 x 17 mm 0.39 x 0.67 in	NXP NTAG213 NXP NTAG210 Micro	Apparel Electronics and Gaming
<b>AD Midas+ NFC</b>		11.5 x 19 mm 0.45 x 0.75 in	NXP NTAG210 Micro NXP NTAG213 NXP NTAG216 ST25TN512 ST25TN01K	Apparel Electronics and Gaming
<b>AD Minitrack NFC</b>		14 x 31 mm 0.55 x 1.22 in	NXP NTAG210 Micro NXP NTAG213 ST25TN512 ST25TN01K	Apparel Electronics and Gaming



## Dual Frequency Inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>AD-362</b>		65.2 x 38 mm 2.567 x 1.496 in	Impinj Monza R6-P R6-P+EAS	Apparel Home Essentials Inventory Logistics Supply Chain
<b>AD-366</b>		73.1 x 37.7 mm 2.877 x 1.484 in	NXP UCODE 9	Apparel Supply Chain Logistics
<b>AD Belt DF</b>		70 x 20 mm 2.76 x 0.79 in	EM4425	Apparel Industrial Applications
<b>AD Midas Flagtag DF</b>		31.4 x 48 mm 1.236 x 0.89 in	EM4425 (V12)	Industrial Applications Retail
<b>AD TT Sensor Plus 2 BLE</b>		70 x 32 x 4.5 mm 2.76 x 1.26 x 0.18 in	NXP NHS3100 NXP QN9080	Logistics, Healthcare, Food
<b>AD Web DF</b>		45 x 28 mm 1.77 x 1.10 in	EM4425	Apparel Industrial Applications
<b>AD Medio Web DF</b>		45 x 28 mm 1.77 x 1.10 in	EM4425	Apparel Industrial Applications

## TT Sensor Plus 2 tags

<b>AD TT Sensor Plus 2</b>		68 x 26 x 3.5 mm 2.68 x 1.02 x 0.14 in	NXP NHS3100	Logistics, Healthcare, Food
<b>AD TT Sensor Plus 2 BLE</b>		70 x 32 x 4.5 mm 2.76 x 1.26 x 0.18 in	NXP NHS3100 NXP QN9080	Logistics, Healthcare, Food









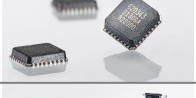


## UHF RFID hard tags

Product Name	Design (not to scale)	Hard Tag Dimensions	Chip	Industry Segments
<b>AD Maxdura® Tire Tag</b>		43 x 2.0 x 2.00 mm 1.69 x 0.07 x 0.07	Monza M730 Higgs 9	Automotive Industrial Applications
<b>AD Eartrace® Male Flag</b>		60 x 76 mm 2.36 x 2.99 in	Impinj Monza R6-P	Animal Identification
<b>AD Maxdura® Brick</b>		39 x 13 mm 1.54 x 0.51 in	Alien Higgs 9	Automotive Industrial Applications Logistics
<b>AD Maxdura® Ceramic</b>		5 x 5 mm 0.20 x 0.20 in (±0.5 mm) many sizes available	Alien Higgs 3	Automotive Industrial Applications Logistics
<b>AD Maxdura® Flex</b>		124 x 30 mm 4.88 x 1.18 in	Alien Higgs 9	Automotive Industrial Applications Logistics
<b>AD Maxdura® Keg Dual</b>		53 x 43 mm 2.09 x 1.69 in	Impinj Monza R6-P NXP ICODE SLIX2	IFood Industrial Applications Logistics
<b>AD Maxdura® Keg Embedded</b>		10 x 60 mm 0.39 x 2.36 in	Impinj Monza R6-P	IFood Industrial Applications Logistics
<b>AD Maxdura® Long Range</b>		150 x 25 mm 5.91 x 0.98 in	Alien Higgs 9 Impinj Monza 4E	Automotive Industrial Applications Logistics
<b>AD Maxdura® Outdoor</b>		150 x 25 mm 5.91 x 0.98 in	Alien Higgs 9	Automotive Industrial Applications Logistics
<b>AD Tagmicro-Tx3D</b>		5 x 5 mm 0.20 x 0.20 in	ASIC 16k	Automotive
<b>AD Tagmicro-TxFN</b>		5 x 5 mm 0.20 x 0.20 in	ASIC 4k ASIC 8k	Automotive



## NFC / HF hard tags

Product Name	Design (not to scale)	Hard Tag Dimensions	Chip	Industry Segments
<b>AD Glass Tag NFC</b>		Ø 2.12 x 12 mm 0.08 x 0.47 in	NXP ICODE SLIX 2 NXP ICODE SLIX-L NXP NTAG216	Industrial Applications Healthcare Sports and Events
<b>AD HAT NFC Dongle</b>		Ø 30 mm 1.18 in	NXP NTAG213	Animal Identification Industrial Applications
<b>AD Maxdura® Case</b>		51 x 51 mm 2.01 x 2.01 in	NXP ICODE SLIX	Automotive Industrial Applications Logistics
<b>AD Maxdura® Disc</b>		Ø 15 mm - 0.59 in Ø 20 mm - 0.78 in Ø 30 mm - 1.18 in Ø 50 mm - 1.97 in	ATMEL ATA5577 EM 4237 SLIC Fujitsu FRAM 2k rev.C NXP ICODE SLIX NXP ICODE SLIX 2	Automotive Healthcare Industrial Applications Logistics
<b>AD Maxdura® Keg Dual</b>		53 x 43 mm 2.09 x 1.69 in	Impinj Monza R6-P NXP ICODE SLIX2	Food Industrial Applications Logistics
<b>AD Maxdura® Laundry</b>		Ø 16 mm 0.63 in	EM 4033 DFN	Apparel Industrial Applications Logistics
<b>AD Maxdura® Mini</b>		Ø 6 mm 0.24 in	NXP ICODE SLIX	Automotive Industrial Applications Logistics

## LF hard tags

Product Name	Design (not to scale)	Hard Tag Dimensions	Chip	Industry Segments
<b>AD Glass Tag AES</b>		Ø 3.15 x 13.30 mm 0.12 x 0.52 in	ASIC	Automotive Immobilizer Systems Industrial Applications
<b>AD Eartrace® Air Coil</b>		Max. Inner Diameter Ø 24.1 mm / 0.95 in Ø 20 mm / 0.79 in Ø 23 mm / 0.91 in Ø 26 mm / 1.02 in Ø 27 mm / 1.09 in Ø 20.8 mm / 0.81 in Ø 25.4 mm / 1 in Ø 27.8 mm / 1.09 in Min. Outer Diameter Ø 20 mm / 0.79 in Ø 15 mm / 0.59 in Ø 19.5 mm / 0.77 in Ø 17.1 mm / 0.67 in Ø 23.8 mm 0.94 in Ø 15 mm / 0.59 in Ø 19.9 mm / 0.78 in Ø 23.8 mm / 0.94 in	EM 4305 SIC279	Animal Identification
<b>AD Glass Tag Animal ID</b>		Ø 1.25 x 8.30 mm / 0.05 x 0.33 in Ø 1.41 x 8.30 mm / 0.06 x 0.33 in Ø 2.12 x 12 mm / 0.08 x 0.47 in Ø 3.85 x 23 mm / 0.15 x 0.91 in Ø 3.85 x 32 mm / 0.15 x 1.26 in	EM 4305 SIC279 Other IC's on request	Animal Identification
<b>AD Glass Tag Industry</b>		Ø 2.12 x 12 mm / 0.08 x 0.47 in Ø 3.15 x 13.30 mm / 0.12 x 0.52 in Ø 3.85 x 32 mm / 0.15 x 1.26 in	NXP HITAGS 256 NXP HITAGS 2048 Unique	Industrial Applications Logistics
<b>AD Intrace® Cannula</b>		Ø 1.41 x 8.30 mm / 0.06 x 0.33 in Ø 1.41 x 10 mm / 0.06 x 0.39 in Ø 2.12 x 12 mm / 0.08 x 0.47 in	EM 4305	Animal Identification
<b>AD Intrace® Syringe</b>		Ø 1.25 x 8.30 mm / 0.05 x 0.33 in Ø 1.41 x 8.30 mm / 0.06 x 0.33 in Ø 1.41 x 10 mm / 0.06 x 0.39 in Ø 2.12 x 12 mm / 0.08 x 0.47 in	EM 4305	Animal Identification
<b>AD Glass Tag Tagcoder Lite II</b>		Ø 3.15 x 13.30 mm 0.12 x 0.52 in	ASIC	Automotive Industrial Applications
<b>AD Tagmicro-Tx3D</b>		5 x 5 mm 0.20 x 0.20 in	ASIC 16k	Automotive
<b>AD Tagmicro-TxFN</b>		5 x 5 mm 0.20 x 0.20 in	ASIC 4k ASIC 8k	Automotive
<b>AD Tagreader IC</b>		9.93 x 5.99 mm 0.39 x 0.23 in	ASIC	Automotive
<b>AD Glass Tag Unique Automotive</b>		Ø 3.15 x 13.30 mm 0.12 x 0.52 in	EM 4102	Automotive Industrial Applications

## LF readers

Product Name	Design (not to scale)	Hard Tag Dimensions	Industry Segments
<b>AD Intrace® Handheld Reader RH5</b>		155 x 82 mm 6.10 x 3.23 in	Animal Identification
<b>AD Eartrace® Handheld Reader RH7</b>		660 x 65 mm 25.98 x 2.56 in	Animal Identification









# ARC specifications

ARC Spec	Segment	Band
Spec F	Homegoods	FCC
Spec G	Apparel	FCC
Spec H	High density apparel	ETSI, FCC
Spec I	Denim and polybagged apparel	ETSI
Spec K	Small apparel	ETSI
Spec L	Apparel, intimates	ETSI, FCC
Spec N	Apparel	FCC
Spec Q	Accessories	FCC
Spec T	Tire	FCC
Spec U	Aviation	ETSI, FCC
Spec W1	Apparel	FCC
Spec W2	Apparel, intimates	FCC
Spec W3	Belts, wallets, accessoires	FCC
Spec W4	Shoes, watches, boxes, jewelry	FCC
Spec W5	Accessoires, sunglasses,	FCC
Spec W6	Fine jewelry	FCC

## Contact information

[rfid.averydennison.com/contact](https://rfid.averydennison.com/contact)

+1-678-617-2359

Connect with us on:



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