

Avery Dennison
Smartrac





February 2025


ARC Specification



Auburn University ARC approved inlay designs

Inlays are listed and grouped by size.

Model No	IC	F	H	I	L	O	P	Q	R	S	T	U	W5	W6	Y2	Z
AD Minidose	UCODE 8									X						
AD Minidose	UCODE 9									X						
AD Minidose	UCODE 9XM									X						
AD-374 NEL	UCODE 9	X		X	X			X					X			
AD Astro Pure 95 NEL 	UCODE 9	X		X	X			X					X			
AD-302	M730/750							X								
AD Accessory	UCODE 9							X								
AD Accessory	M730/750							X								
AD Dazzle	UCODE 9							X								
AD-387 NEL	UCODE 9	X		X	X			X					X	X	X	
AD-553	UCODE 8											X				
AD-324 FCC	UCODE 8	X						X					X	X		
AD-327 ETSI	UCODE 9															
AD-327 ETSI Pure 95 	UCODE 9															
AD-327 FCC	UCODE 9	X						X					X			
AD-311	M730/750	X		X	X			X					X			
AD-312	UCODE 9	X		X				X					X			
AD-312 Pure 	UCODE 9	X		X				X					X			
AD Quantum	UCODE 9	X		X	X			X	X				X	X	X	
AD Miniweb ETSI	UCODE 9			X												
AD Miniweb ETSI Pure 	UCODE 9			X												
AD Miniweb FCC	UCODE 9	X				X		X					X	X		
AD Miniweb FCC	M730/750	X				X		X					X	X		
AD Miniweb Global	M730/750			X				X								
AD Bolt FCC	UCODE 9	X						X					X			
AD Bolt FCC	M730	X						X					X			
AD-325 FCC	M730/750	X						X					X			
AD Sonic FCC	UCODE 9	X				X		X	X				X	X	X	
AD Sonic	M830	X		X	X	X		X	X				X	X	X	
AD Sonic (strap format)	M830	X		X				X	X				X	X	X	
AD Eagle®	UCODE 9	X		X	X	X		X	X				X	X	X	
AD Eagle®	M730/750	X		X	X	X		X	X				X	X	X	


 Pure portfolio product



Auburn University ARC approved inlay designs

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Model No	IC	F	H	I	L	O	P	Q	R	S	T	U	W5	W6	Y2	Z
AD Dynamo	UCODE 9							X								
AD Stealth	M830/850	X		X	X	X		X	X				X	X	X	
AD-386	M730/750	X		X	X			X	X				X	X	X	
AD-387 WEL	UCODE 9	X		X	X			X	X				X	X	X	
AD Force	M775	X		X	X			X	X				X	X	X	
AD Force Pure 95 	UCODE 9	X		X	X			X	X				X	X	X	
AD Web	UCODE 9	X		X	X	X		X	X				X	X	X	
AD Web Pure 	UCODE 9	X		X	X	X		X	X				X	X	X	
AD Web	M730/750	X		X	X	X		X	X				X	X	X	
AD-372 WEL	UCODE 8	X						X					X			
AD Longbow	UCODE 9	X		X	X	X		X	X				X	X	X	
AD Burst	M830/850	X		X	X	X		X	X				X	X	X	
AD-23x Slim	UCODE 9	X		X	X	X		X	X				X	X	X	
AD Belt	UCODE 8	X		X	X	X		X	X				X	X	X	X
AD Belt	UCODE 9	X		X	X	X		X	X				X	X	X	X
AD Belt Pure 	UCODE 9	X		X	X	X		X	X				X	X	X	
AD Belt	M730/750	X		X	X	X		X	X				X	X	X	X
AD-239	M730/750	X		X	X	X		X	X				X	X	X	
AD-23x	UCODE 9	X		X	X	X		X	X				X	X	X	X
AD-23x Pure 95 	UCODE 9	X		X	X	X		X	X				X	X	X	X
AD-333	UCODE 9	X	X			X		X	X				X	X	X	
AD-333 Pure 95 	UCODE 9	X	X			X		X	X				X	X	X	
AD-334	M730/M750	X	X	X	X	X		X	X				X	X	X	
AD Belt H	M730/750	X	X	X	X	X		X	X				X	X	X	
AD Electrify	M850	X	X	X	X	X			X				X	X	X	
AD-366	UCODE 9	X		X	X			X								
AD-350	UCODE 8			X				X								
AD Grip	M730/750										X					
AD Shortdipole	UCODE 8						X									
AD Squarewave	M730/750						X									
AD Squarewave	M830															X

 Pure portfolio product

ARC specifications - Current

ARC Spec	Category	Segment
C2	Home Decor	Retail
F	Apparel / Home	Retail (FCC)
H	High Density Apparel	Retail
I	Apparel ETSI	Retail (ETSI)
L	Intimates Apparel	Retail
O	Books, Stationery, Crafts, Stationery, Sporting Goods, Art & Adult Craft, Fabric & Sewing	Retail
P	Batteries	Automotive
Q	Accessories	Retail
R	Apparel, Footwear, Headwear, Accessories, Watches, Jewelry, Fabric & Sewing, Paint	Retail (FCC)
S	Pharma	Healthcare
T	Tires	Automotive
U	Baggage	Aviation
Y2	Electronics, Toys, Sporting Goods, Home Decor, Kitchen, Bath & Shower, Bedding, Furniture, Home Management, Media & Gaming, Cameras & Supplies, Wireless Devices, Stationery, Automotive, Hardware, Paint, Lawn & Garden, Art & Adult Craft, Fabric & Sewing, Floral	Retail
Z	QSR (Food)	Restaurants
Z2	QSR (non-Food)	Restaurants
W5	Sunglasses, Accessories	Retail
W6	Jewelry	Retail

ARC specifications - Latest updates

New ARC Specs - Published as of 2024

ARC Spec	Applications	Segment
B2	Container Caps	Retail
C2	Home Decor	Retail
E1	On-Metal FCC	Retail
E2	On-Metal ETSI	Retail
E3	On-Metal Industrial	Industrial
R	Apparel, Footwear, Headwear, Accessories, Watches, Jewelry, Fabric & Sewing, Paint	Retail (FCC)
Y2	Electronics, Toys, Sporting Goods, Home Decor, Kitchen, Bath & Shower, Bedding, Furniture, Home Management, Media & Gaming, Cameras & Supplies, Wireless Devices, Stationery, Automotive, Hardware, Paint, Lawn & Garden, Art & Adult Craft, Fabric & Sewing, Floral	Retail
Z	QSR (Food)	Restaurants
Z2	QSR (Non-Food)	Restaurants
C6	Tolling	Automotive

Retired ARC Specs - Published as of 2024

ARC Spec	Replaced by Spec	Applications	Segment
G	F	Apparel / Home	Retail (FCC)
K	I	Apparel ETSI	Retail (ETSI)
M	N/A	N/A	N/A
N	N/A	N/A	N/A
W1	R	Apparel and Footwear	Retail (FCC)
W2	R	Apparel and Footwear	Retail (FCC)
W3	R	Apparel and Footwear	Retail (FCC)
W4	R	Apparel and Footwear	Retail (FCC)
Y	Y2	Electronics / Toys	Retail

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Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

