

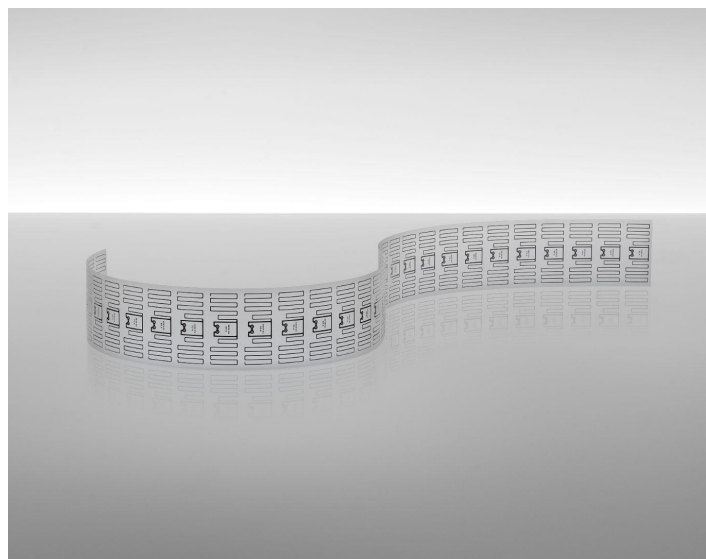
AD Miniweb Global UX

Compact, high performance RFID inlay for item-level tagging

Designed for diverse merchandise—from electronics to home goods and general retail—AD Miniweb Global UX inlays ensure reliable tracking across your inventory. Retailers favor the robust design for its high performance and small label size, making it a dependable choice for tagging various products.

Featuring the impinj UX IC, AD Miniweb Global UX is equipped with 128-bit of EPC memory and 96-bit unique factory locked TID number. A 48-bit unique serial number is factory encoded into the TID. AD Miniweb Global UX carries a 42 x 16mm antenna footprint and is offered in dry inlay, wet inlay and pressure sensitive label delivery formats.

Like all RFID products from Avery Dennison, AD Miniweb Global UX inlays are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment. The RFID Lab at Auburn University has awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.



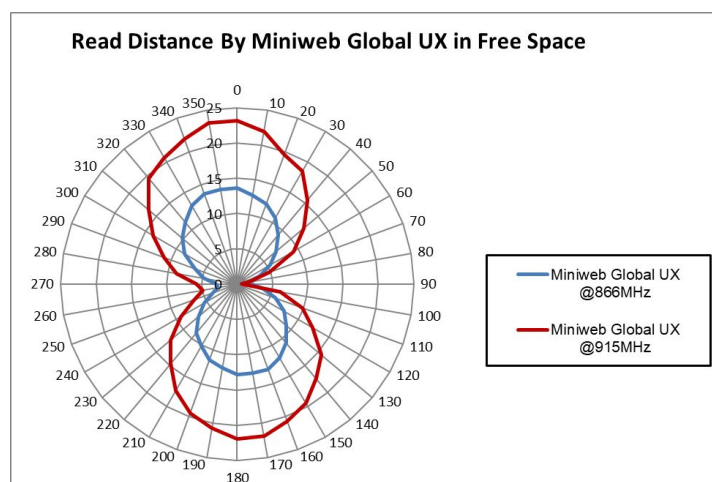
Overview

Frequency Band	UHF 860 - 960 MHz
Chip / Chip Attachment Technology	NXP UCODE X / Direct Chip Attach
Antenna Dimensions	42 x 16 mm / 1.65 x 0.63 in
International Standard	ISO/IEC 18000-63 Type C
Industry Segments	General Retail Apparel
Applications	Brand Protection Supply Chain Management Home Essentials
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

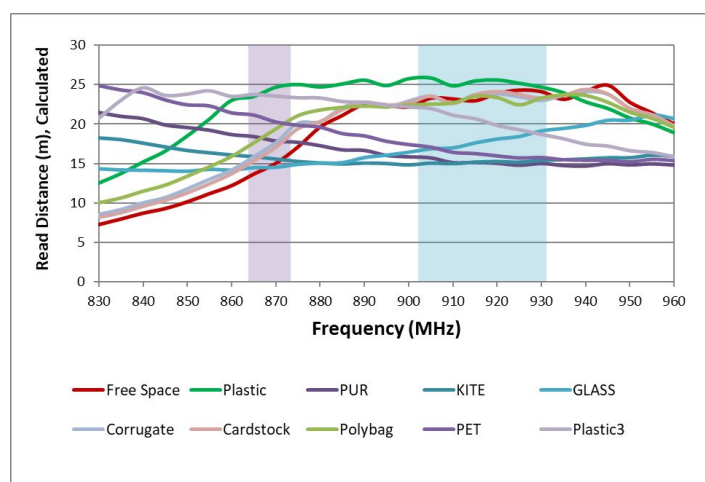
Technical features

Chip / Chip Attachment Technology	NXP UCODE X / Direct Chip Attach		
EPC and User Memory	128-bit EPC and 0-bit User Memory		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	IL-614627	IL-614625	IL-614626
Delivery Format	Dry inlay	Wet inlay	Label
Die-Cut Dimensions	-	45 x 18 mm / 1.772 x 0.709 in	45 x 18 mm / 1.772 x 0.709 in
Die-Cut Corner Radius	-	1 mm / 0.039 in	1 mm / 0.039 in
Inlay Substrate	PET Clear	PET Clear	PET Clear
Top Layer Group	-	-	TMBL-100091
Top Layer Description	-	-	Paper 70um Midgloss FSC
Adhesive Group	-	ADH-100005	ADH-100005
Functional Adhesive Description	-	Water borne acrylic PSA. Good adhesion to all generally used substrates such as paper, board and plastics	Water borne acrylic PSA. Good adhesion to all generally used substrates such as paper, board and plastics
Standard Pitch	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in
Web Width	48 mm / 1.890 in	48 mm / 1.890 in	48 mm / 1.890 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	20,000 pcs/reel	20,000 pcs/reel	5,000 pcs/reel
Size of Roll	MAX OD: 12"	MAX OD: 12"	MAX OD: 8"
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
On-Metal	Non metal		
ARC Certificates	ARC Specification Guide		

Orientation sensitivity



Read range



All graphs are indicative: performance in real life applications may vary.

Find more label solutions at
rfid.averydennison.com



#MakingPossible

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