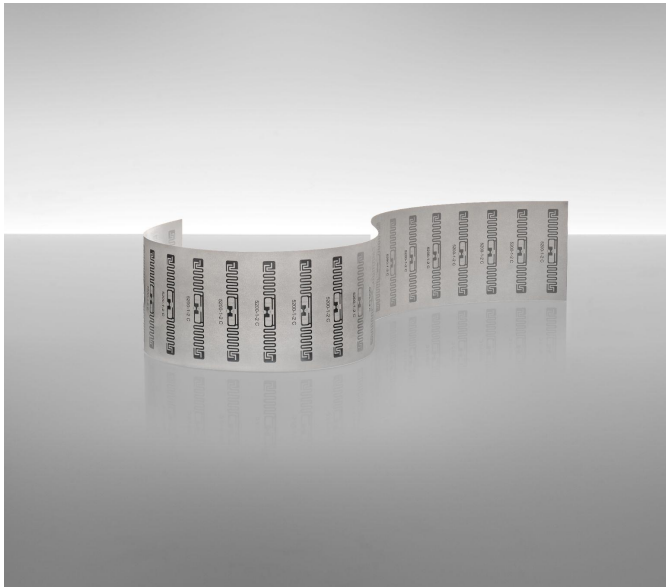


AD Burst UX (strap format)



Slim form factor, Configurable EPC Memory, and Global High-Performance



Compact, versatile, and high-performing, the AD Burst UX (strap format) sets a new standard for global retail and apparel tagging. Utilizing next-generation NXP IC technology, this optimized RFID solution features configurable memory allocation to meet diverse operational needs. Its slim profile enables discreet integration while maximizing performance worldwide.

AD Burst UX (strap format) inlays feature 128-bits of EPC memory and 96-bit unique factory-locked TID number. A 48-bit unique serial number is factory-encoded into the TID. This product is available in a pressure sensitive label format.

Like all RFID products from Avery Dennison, AD Burst UX (strap format) inlays are manufactured according to the industry’s highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

Overview

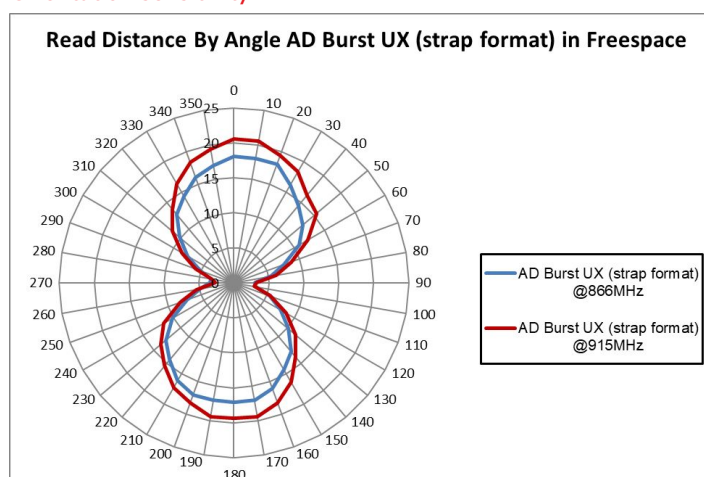
Frequency Band	UHF 860 - 960 MHz
Chip / Chip Attachment Technology	UCODE X / Strap Attach
Antenna Dimensions	70 x 8.5 mm / 2.75 x 0.33 in
International Standard	ISO/IEC 18000-63 Type C
Industry Segments	Apparel General Retail
Applications	Brand Protection Supply Chain Management Home Essentials
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

Technical features

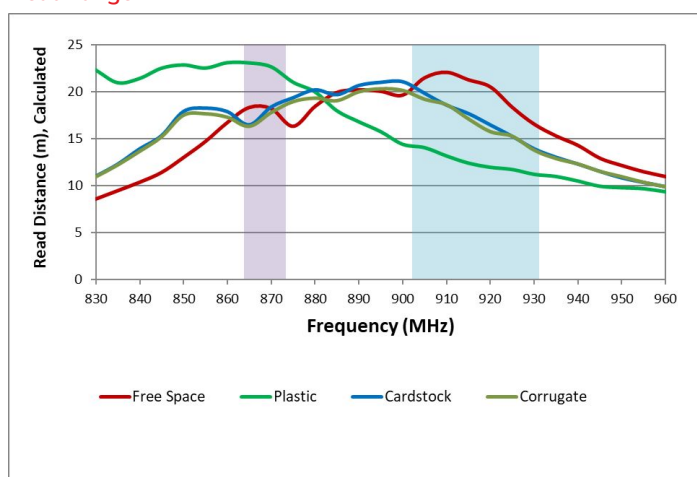
Chip / Chip Attachment Technology	NXP UCODE X / Strap Attach
EPC and User Memory	128-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	IL-614654
Delivery Format	Label
Die-Cut Dimensions	73 x 11.5 mm / 2.87 x 0.45 in
Die-Cut Corner Radius	1 mm / 0.039 in
Inlay Substrate	40# Paper
Top Layer Group	TMBL-100117
Top Layer Description	Paper 3PT Matte FSC
Adhesive Group	ADH-100005
Functional Adhesive Description	Water borne acrylic PSA. Good adhesion to all generally used substrates such as paper, board and plastics
Standard Pitch	25.4 mm / 1 in
Web Width	82.55 mm / 3.25 in
Core Size	76 mm / 3 in
Quantity / Reel	TBD pcs/reel
Size of Roll	MAX OD: TBD
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
On-Metal	Non metal
ARC Certificates	ARC Specification Guide

*Other product codes available upon request.

Orientation sensitivity



Read range



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

Sustainability features

Strap Technology	Our patented strap technology replaces traditional etched antenna manufacturing, reducing the carbon footprint by 70-90% (Verified by Sphera™ LCA with EPD - according to ISO 14020). Available on paper and/or polyester.
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For more information, please visit the [Avery Dennison sustainability page](#).

Find more label solutions at
rfid.averydennison.com



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