

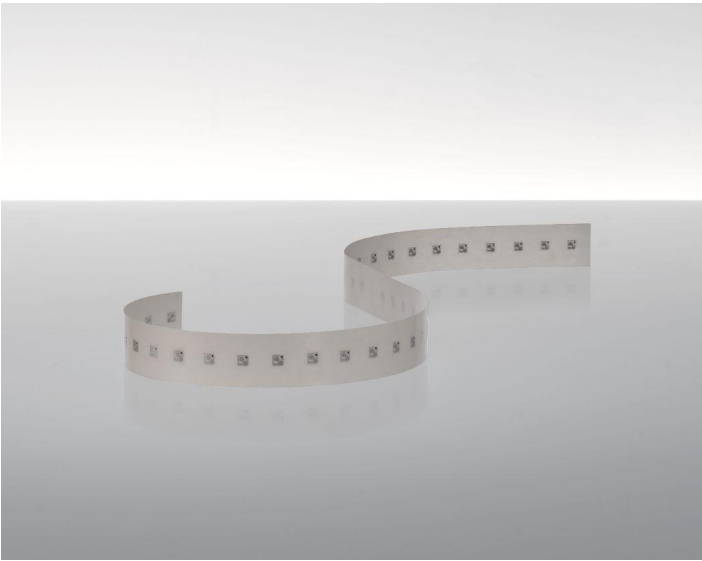
AD Dot5 U9

The ideal solution for small item-level industry applications

The AD Dot5 U9 inlays and tags are specifically engineered for item-level identification where space is limited. With their compact yet reliable design, they are the ideal fit for smaller industry applications such as earbuds, streaming devices, and other compact electronics. This redesign enables a larger inlay size, providing enhanced value while maintaining the same high quality and performance.

AD Dot5 U9 inlays feature 96-bits of EPC memory, a 96-bit TID, and a unique 48-bit serial number.

Like all RFID products from Avery Dennison, AD Dot5 U9 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.



Overview

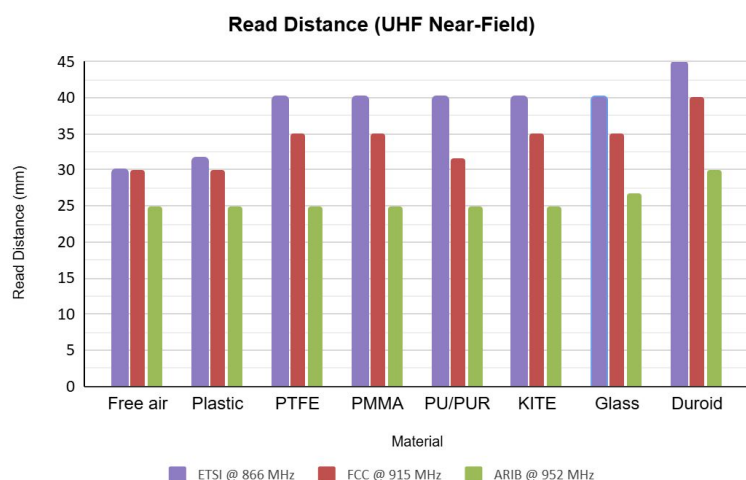
Frequency Band	UHF 860 - 960 MHz
Chip / Chip Attachment Technology	NXP UCODE 9
Antenna Dimensions	5 x 5 mm / 0.197 x 0.197 in
International Standard	ISO 18000-63, EPC Class 1 Gen 2
Industry Segments	General Industry
Applications	Authentication Brand Protection Item Level Track and Trace
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

Technical features

Chip / Chip Attachment Technology	NXP UCODE 9
EPC and User Memory	96-bit and n/a
TID Memory	96-bit / 48-bit unique serial number
Product Code	IL-613039
Delivery Format	RIF Wet inlay
Die-Cut Dimensions	7 x 7 mm / 0.276 x 0.276 in
Die-Cut Corner Radius	0.5 mm / 0.02 in
Inlay Substrate	PET
Face Sheet	Clear PET 12
Adhesive	RA-2
Total Thickness (over chip and release liner)	9.44 mils / 240 microns
Standard Pitch	16 mm / 0.63 in
Web Width	24 mm / 0.945 in
Core Size	76 mm / 3 in
Quantity / Reel	5,000 pcs/reel
Size of Roll	Max OD 190mm
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
On-Metal	Non metal
ARC Certificates	-

*Other product codes available upon request.

Read Distance (UHF Near-Field)



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

Find more label solutions at
rfid.averydennison.com



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