

# Real-World™ RFID

## Item-Level Portfolio



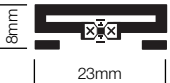
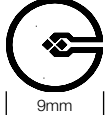

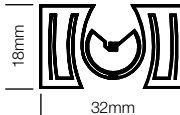
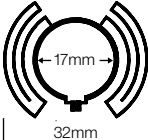
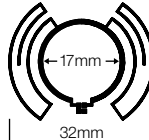
Although a lot of the recent focus of UHF RFID has been on tagging cartons and pallets, in the real world, deploying RFID technology often means tagging items that aren't cardboard boxes. As users look to take advantage of RFID technology in their supply chain, they often need to apply labels to small, odd-shaped items that don't have space for the footprint required by standard labels or the RFID antennas designed to fit inside them.

That's where Avery Dennison RFID's item-level inlay portfolio comes in. Our portfolio consolidates the industry's best near-field and near-field/far-field small footprint UHF inlays so you can easily compare your options and source the best tag for testing in your application.

Sample quantities now available so you can evaluate these designs in your application.

Don't see what you need? Call us. Our rapid prototyping system allows us to modify existing designs or create new designs quickly to better meet your requirements.

Contact us at **866-903-RFID (7343)**.

								
<b>Name</b>	<b>AD-812/811 Pharma</b>	<b>AD-820/821 Apparel</b>	<b>AD-801</b>	<b>*Button J01</b>	<b>*Paperclip J02</b>	<b>*Satellite F01</b>	<b>*Disk **K01</b>	<b>*Disk **K02</b>
<b>Application</b>	Pharma, plastic bottles	Garments, hang tags	Small items	Vials and small items	Vials and small items	Pharma, garments and small items	CD (38mm metalized opening)	DVD (34mm metalized opening)
<b>Configuration</b>	Sloop	Sloop	Loop	Loop	Loop	Loop / Dipole Hybrid	Loop	Loop
<b>Antenna Dimensions (mm)</b>	25.5 x 25.5	30 x 72	8 x 23	9 diameter	15 x 8	18 x 32	32 diameter	32 diameter
<b>UHF Band</b>	US & Europe	US & Europe	US & Europe	US & Europe	US & Europe	US & Europe	US & Europe	US & Europe
<b>Near/Far Field Capability</b>	NF and FF	NF and FF	NF Only	NF Only	NF Only	NF and FF	NF Preferred	NF Preferred
<b>Orientation Insensitivity</b>	High	High	Medium	Medium	Medium	Low	Medium	Medium

Antenna illustrations not to scale

Near-field item-level tagging solutions may require a specialized near-field antenna setup for the reader system - check with your UHF reader supplier for details.

\* Button, Paperclip, Satellite, and Disk are trademarks of their respective owners.

\*\* Disk tag performance for the K01 & K02 is dependent on having CD/DVD metal present in tag center aperture.



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