

AD-324u8

Application Notes

AVERY DENNISON
ELEVATE BRANDS
ACCELERATE PERFORMANCE



Avery Dennison is pleased to introduce **AD-324**, a globally tuned, **Gen2 UHF RFID** inlay suitable for a wide variety of **RFID** tagging applications. The 41.4 x 16mm design is optimized for outstanding performance in the ETSI frequency band (865-868 MHz) and features the UCODE 8 IC by NXP.

RECOMMENDED APPLICATIONS



Supply Chain, Inventory & Logistics

AD-324 enables high speed, long distance tracking of inventory throughout the EU supply chain, prompting companies across many industries to adopt RFID-based solutions for improved efficiencies and end-to-end visibility of valuable assets. Like its predecessor, UCODE 7, UCODE 8 supports all mandatory commands of EPC global specification V.2.0.1 including (Perma) LOCK and Kill Command.



Apparel

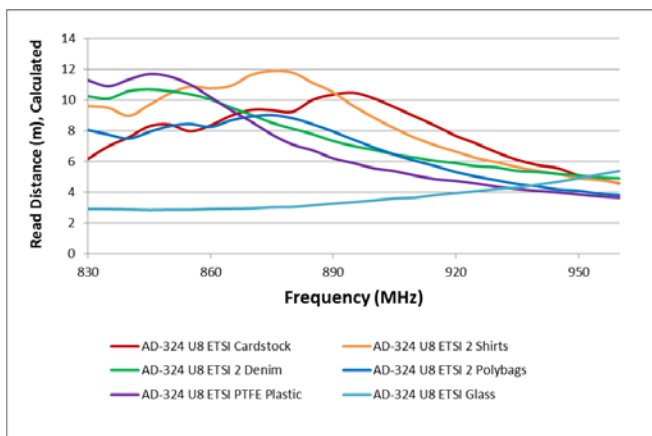
Avery Dennison has been a driving force in the apparel and footwear industry's adoption of RFID since 2004. When contemplating automation-based solutions for the Retail Apparel industry, for many companies, it is not a matter of 'why', but 'when' they will adopt this proven technology. Quickly and efficiently track clothing and other item-level retail items throughout the EU supply chain; from source to store. In addition, AD-324 meets the performance requirements of ETSI focused, Spec K, under the University of Auburn's ARC program.



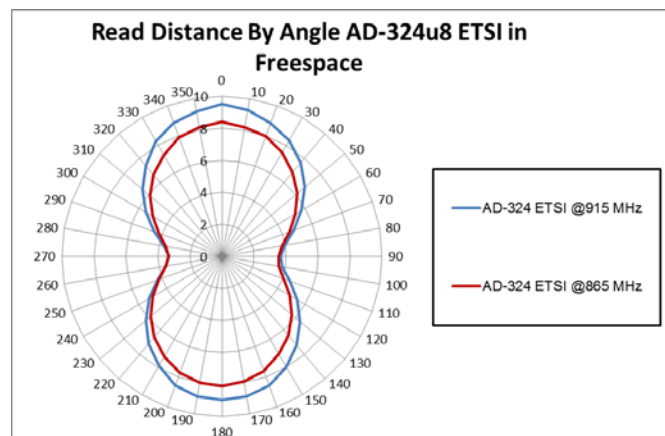
Pharmaceutical and Healthcare

The healthcare industry is always looking for a better way to monitor its pharmaceuticals throughout the supply chain to ensure patient safety and wellbeing. Counterfeit drugs, expired inventory and product recalls are some of the toughest challenges facing pharmaceutical companies today. AD-324 can help you with some of your frustrations. The 41.4 x 16mm antenna will fit inside a 44.45 x 19.05 mm label; a great fit for prescription bottles, glass vials, and other small to medium sized medical packages.

AD-324 delivers exceptional performance across a wide range of dielectrics



Tag Power Sensitivity



Tag Orientation Sensitivity

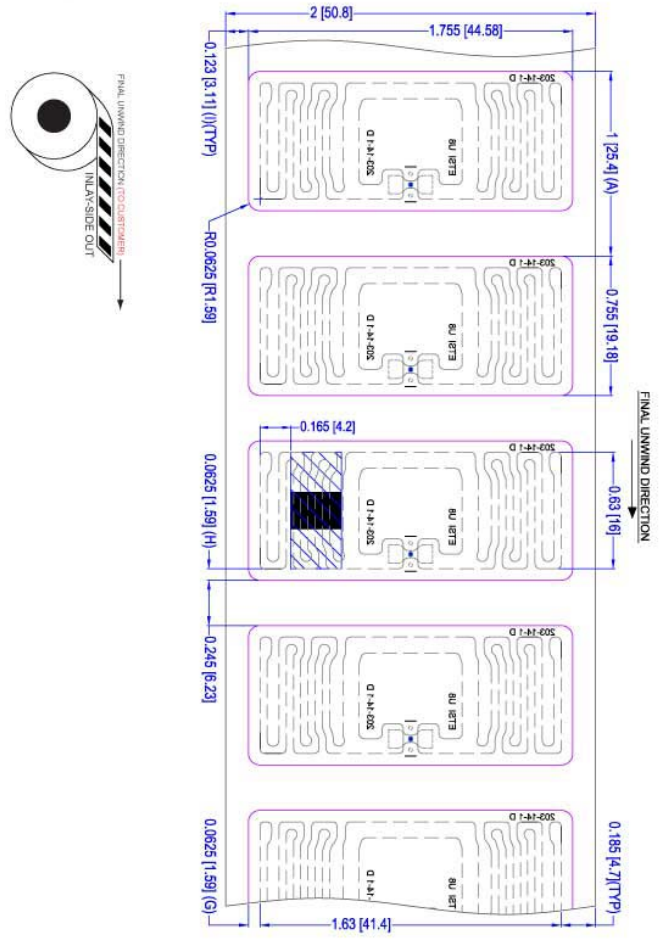
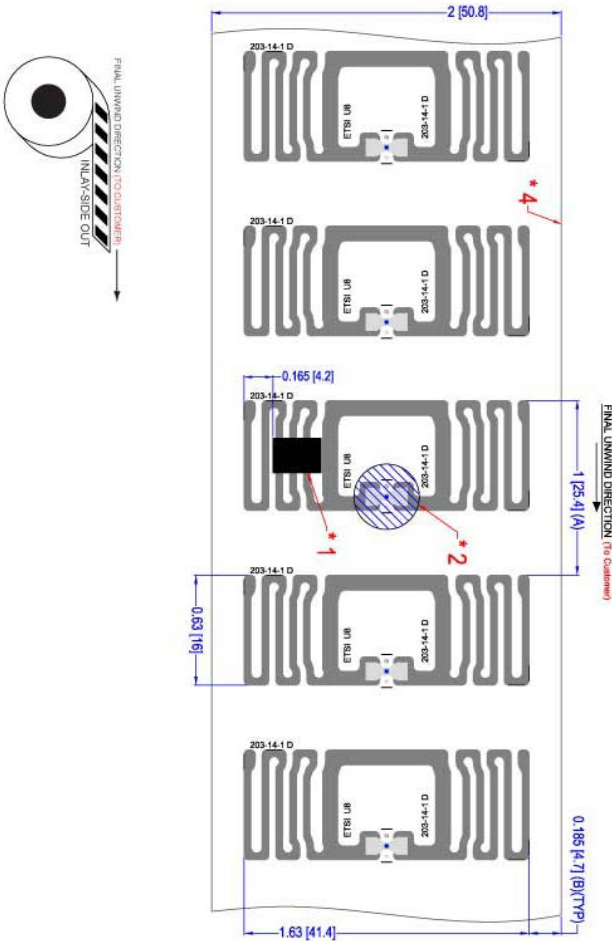
Terms and conditions relating to Avery Dennison testing results can be found at <http://rfid.averydennison.com/en/home/testing-services.html>

**Avery Dennison® AD-324
Gen2 UHF RFID Inlay**



AD-324u8 – RF601025 Dry Inlay – Web 2.0" [OPAQUE PET]

AD-324u8 – RF600950 Wet Inlay – Web 2.0" [OPAQUE PET]





AD-324u8 – RF100422 Label – Web 2.0" [PAPER FACE LABEL]

