

# **AD-680r6**

# **AD-680r6-P**

## **Application**

## **Notes**

**AVERY DENNISON**  
**ELEVATE BRANDS**  
**ACCELERATE PERFORMANCE**



Offered *exclusively* by Avery Dennison, AD-680 features a unique, slotted-loop (sloop) design, which provides orientation insensitivity and outstanding edge read performance for a wide variety of **UHF RFID** tagging applications. This inlay is available in two chip formats: **Monza r6** and **Monza r6-P**.

## RECOMMENDED APPLICATIONS



### Supply Chain Management

AD-680 is from Avery Dennison's patented 'sloop' family of inlays. Optimized for case and pallet tracking, RFID tags equipped with AD-680 can be successfully tracked through all processes of the supply chain to ensure the right goods are at the right place at the right time. The 2 x 2 in antenna provides high level performance in orientation-sensitive applications. With field-proven omnidirectional reads, AD680 eliminates the need for costly dual-dipole antenna designs.



### Asset Tracking

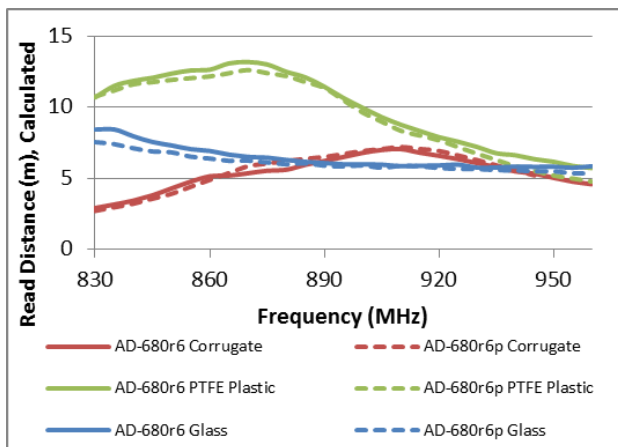
"Where is my.....?" Many can relate to this familiar question when it comes to locating lost or misplaced assets. Whether it is critical equipment, books, supplies or even documents, RFID technology is capable of providing the location of your valuable assets quickly and accurately. AD-680 tagged items can be located with minimal human effort within a brief period of time. Eliminate hours of manually searching through boxes, packed storage closets or sifting through file cabinets for that one missing item you can find in seconds with RFID.



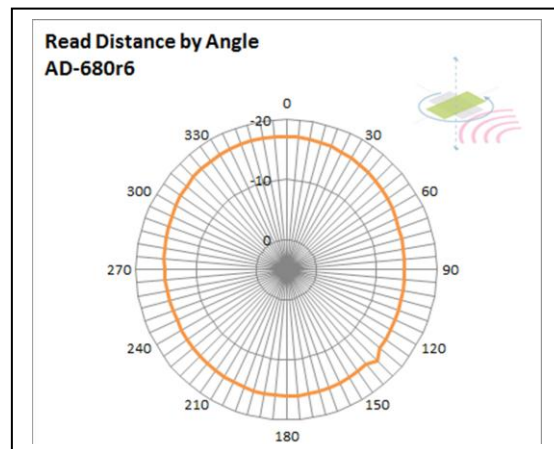
### Package Tracking

Courier service providers and logistics firms from all over the world can greatly benefit from incorporating RFID into their fast-paced and often hectic business environment. With no line-of-sight requirement and the ability of RFID tags to be read while moving in any orientation from up to 4 feet away, AD-680 is the ideal tagging solution for package and shipment tracking applications. Available with your choice of the Monza r6 or r6-P chips from Impinj, the high performing inlay features 96-128 bits of EPC memory and up to 64 bits of user memory (r6-P version only).

## AD-680 delivers exceptional performance across a wide range of dielectrics



Tag Power Sensitivity

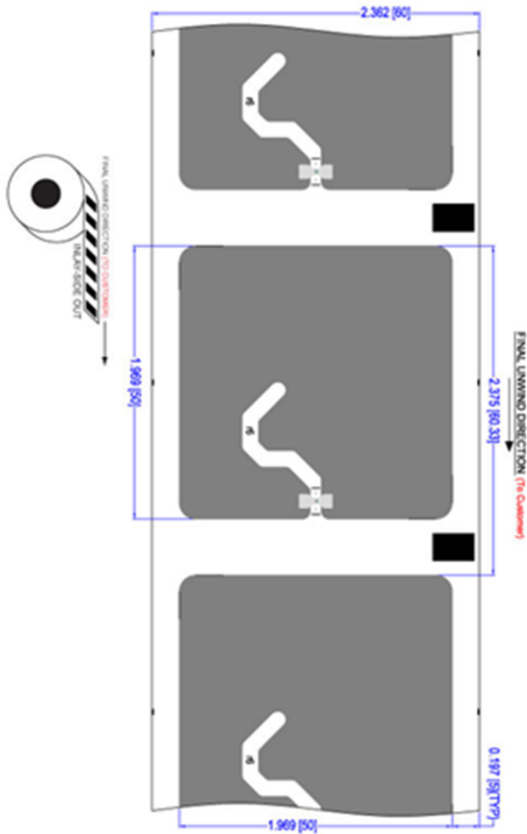


Tag Orientation Sensitivity

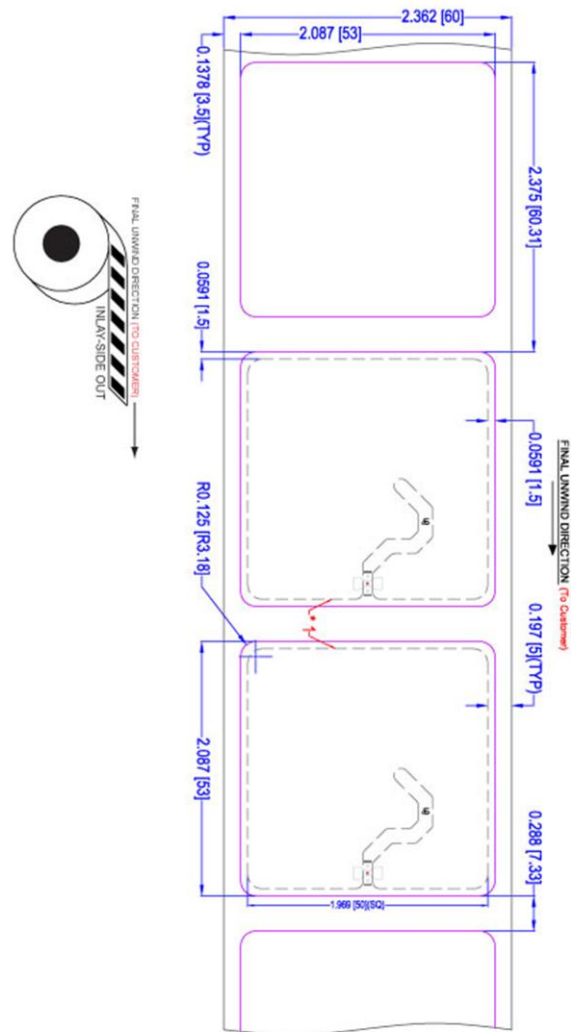
Terms and conditions relating to Avery Dennison testing results can be found at <http://rfid.averydennison.com/en/home/testing-services.html>



AD-680r6 - RF600575 Dry Inlay – Web 2.362”

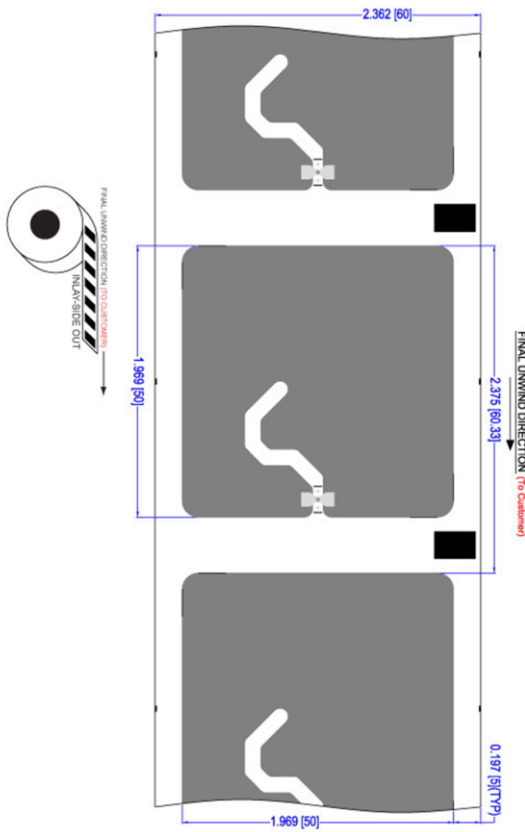


AD-680r6 – RF600576 Wet Inlay – Web 2.362”





AD-680r6-P - RF600684 Dry Inlay – Web 2.362”



AD-680r6-P – RF600685 Wet Inlay – Web 2.362”

