



Gen 2 Product Portfolio

Real-World™ RFID

ROI is now within reach

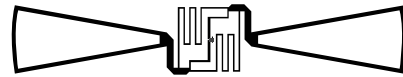
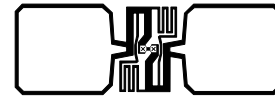
RF performance?
Ease of adoption?
Global functionality?

At Avery Dennison RFID, we understand that in the real world, RFID means different things to different people. One of the first Gen 2 tags on the market, our general purpose AD-220 was designed to provide a seamless transition from Gen 1.

Now we're introducing a portfolio of specialized Gen 2 RFID tags that address RF concerns like difficult carton contents, orientation problems and multiple frequencies. We offer products for carton, pallet and item-level applications, and support both EPC Class 1 Gen 2 and ISO 18000-6C protocols.

Our Gen 2 portfolio turns the promise of RFID into the power of RFID, offering a clear path to real-world ROI.

Call us at 866.903.RFID (7343)



AD-220/AD-221

A small form-factor tag designed for easy transition from Gen 1.

AD-420/AD-421

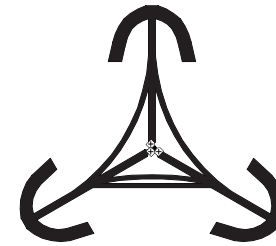
High performance on a wide range of products including metals and liquids.

AD-612

A truly "wide band" content-insensitive tag that delivers global functionality.

	AD-220/AD-221	AD-420/AD-421	AD-612
Frequency			
865-868 MHz	AD-221	AD-421	●
902-928 MHz	AD-220	AD-420	●
Wide Band* 865-928 MHz			●
Carton Contents			
RF-friendly	●	●	●
Reflective		●	●
Absorptive		●	
Orientation-Insensitive			
Application			
Carton	●	●	●
Pallet		●	
Item-level			
Minimum Label Size	3.76 x .32 inch	3.70 x 1.26 inch	5.51 x .98 inch

* RF-friendly contents



AD-622

An orientation-insensitive tag that works well on a variety of carton contents.



AD-812/AD-811

Designed for pharmaceutical bottles, this 1 x 1 tag is also orientation-insensitive.



AD-820/AD-821

A content- and orientation-insensitive tag offering superior performance in retail environments.

	AD-622	AD-812/AD-811	AD-820/AD-821
Frequency			
865-868 MHz		AD-811	AD-821
902-928 MHz	●	AD-812	AD-820
Wide Band* 865-928 MHz			
Carton Contents			
RF-friendly	●	●	●
Reflective	●		
Absorptive	●		
Orientation-Insensitive	●	●	●
Application			
Carton	●		
Pallet	●		
Item-level		●	●
Minimum Label Size	3.75 x 3.35 inch	1 x 1 inch	2.75 x 1.375 inch

This chart is only a guide for preliminary inlay selection. Because of the difficulties inherent in predicting RF performance, each product should be evaluated in the end-use application.