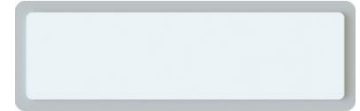




RFID

UHF RFID Inlays

# AD-454r6-P



**Label Dimensions** 2.75 x 0.75 in  
**Operating Frequency** 902 – 928 MHz (FCC)  
**RF Protocol** ISO-18000-6C, EPC Class 1, Gen 2  
**Chip** Impinj Monza R6-P  
**EPC Memory** 128/96 bits  
**USER Memory** 32/64 bits  
**TID Memory** 48-bit unique serialized TID Number

**Common Applications**  
 On-Metal Asset Tracking

Toll free US 866-903- RFID (7343) / [rfid.info@averydennison.com](mailto:rfid.info@averydennison.com)  
 International +1-770-965-0807

PART NUMBER	RF100595
Format	Pressure Sensitive Label
Label dimensions (CDxMD)	2.75 x 0.75 in (69.85 x 19.05 mm)
Inlay substrate material	PET
Inlay-to-liner adhesive	General Purpose Permanent
Liner material	3.2 mil 50# BK
Face Sheet	2 mil White PET
Standard pitch	1.25 in (31.75 mm)
Standard web width	3.0 in (76.2 mm)
Total tag thickness (with liner)	45 mils (1,143 microns)
Operating temperature	-40°F to 185°F (-40°C to 85°C)
RoHS (Inlay)	EU Directive 2011/65/EU and 2015/863 compliant
Quality assurance	100% read tested with out-of-tolerance inlay(s) being marked
Un-wind direction	Label-side Out
Core size with adaptor insert	3 in (76.2 mm)
Maximum roll outer diameter (not to exceed)	8 in (203.2 mm)
Average # of units per roll	500 good +/- 10%
Rev	01

**Care and handling:** RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics/RFID to keep environmental impact and static charge to a minimum.

**Applications:** This product should be tested by the customer/ user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use.

**Warranty:** Please refer to Avery Dennison RFID standard terms and conditions.

**Product Information:** Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

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