Datasheet TX3458-Series
BAGIO M830

Purpose-Built RAIN RFID Inlay for Baggage Tagging

BAGIO M830 is engineered specifically for baggage and luggage identification, combining a distinctive narrow-edge-leading design with reliable global RAIN RFID performance.

ARC Spec U certified and powered by the Impinj M830 IC, BAGIO is designed to deliver dependable readability across the demanding environments and orientations encountered throughout baggage handling and transportation.

Applications

Baggage Tagging

Industry Segments

Aviation
Logistics
Transportation

Overview

Antenna Size	34 x 58 mm (1.339 x 2.283”)
IC	Impinj M830
EPC Memory	128-bit
User Memory	-
TID Memory	96-bit
Frequency Band	UHF 860 - 960 MHz
Protocol	EPC Global Gen 2v2 ISO/IEC 180000-63 Type C
Delivery Formats	Dry Inlay, Wide Web, Paper Face

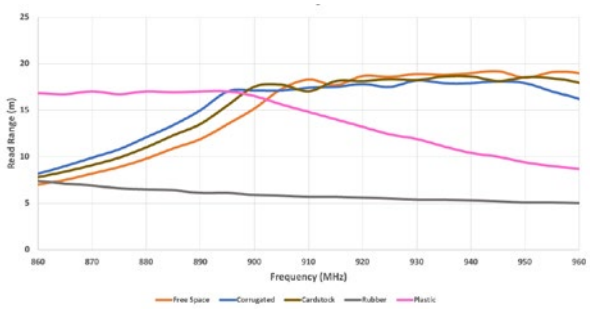
Quality & Certification

ARC Certified	Yes, Spec U
Inspection	100% Tested
RoHS	EU Directive 211/65/EU and 2015/863 compliant

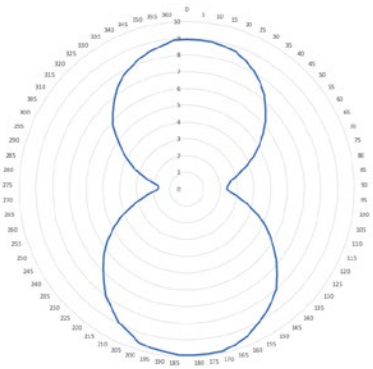
Technical Overview

	Dry Inlay	Dry Wide Web	Paper Face
Product Code	TX3458AM830	TX3458BM830	TX3458AM830-WW
Antenna/tag Size	34 x 58 mm 1.339 x 2.283”	34 x 58 mm 1.339 x 2.283”	37 x 61 mm 1.457 x 2.402”
Web Width	42 mm 1.654”	49 mm 1.929”	44,45 mm 1.750”
Pitch	66,675 mm 2.625”	66,675 mm 2.625”	66,675 mm 2.625”
Inlays per Roll	12.000	12.000	4.500
Antenna Material	Aluminium	Aluminium	Aluminium
Inlay Substrate	50um PETm 9UM Al	50um PETm 9UM Al	50um PETm 9UM Al
Facesheet Properties	N/a	N/a	40# Thermal Transfer Paper
Adhesive Properties	N/a	N/a	Acrylic Permanent
Operating Temperatures	-40 to 85˚C -40 to 185˚F	-40 to 85˚C -40 to 185˚F	-40 to 85˚C -40 to 185˚F
Adhesive Application Temperature (range)	N/a	N/a	-4˚C 25˚F
Adhesive Service Temperature (range)	N/a	N/a	-59 to 93˚C -75 to 200˚F

Read Range



Orientation Sensitivity



IMPINJ GOLD PARTNER

Warranty: Please refer to Hana’s UHF Labels standard terms and conditions. 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 requirements. Hana Technologies, Inc. does not represent that this product is fit for any particular purpose or use. The information contained herein is believed to be reliable but Hana Technologies, Inc. makes no representation concerning the accuracy or correctness of the data.

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