



Datasheet TX9508 M830



High Performance Global RAIN RFID Inlay for Enhanced Item Performance

Hana’s comprehensive RAIN RFID (UHF) inlay program is tailored for use in applications across various industries, such as apparel/retail, agriculture and food production, and supply chain/logistics.

Offered in a wide range of delivery formats, our inlays are ideal for numerous applications demanding exceptional performance.

Applications

- Asset Management
- Inventory Management
- Supply Chain Automation
- Loss Prevention

Industry Segments

- Retail
- Healthcare
- Supply Chain & Logistics
- Automotive

Overview

Antenna Size	95 x 8 mm (3.74 x 0.315")
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, Wet Clear, Wet White Paperface

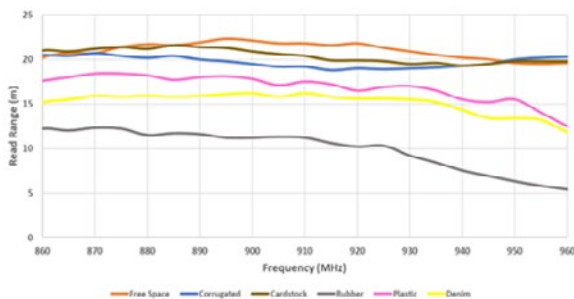
Quality & Certification

ARC Certified	-
Inspection	100% Tested
RoHS	EU Directive 211/65/EU and 2015/863 compliant

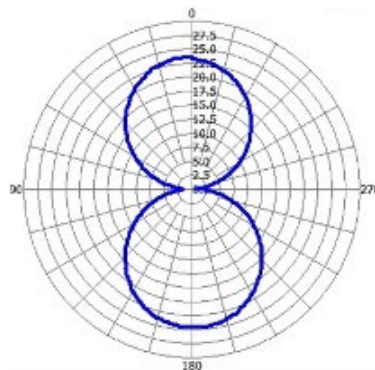
Technical Overview

	Dry Inlay	Dry Wide Web	Wet White Paperface	Wet Clear
Product Code	TX9508AM830	TX9508BM830	TX9508AM830-WW	TX9508AM830-WC
Antenna/tag Size	95 x 8 mm 3.74 x 0.315"	95 x 8 mm 3.74 x 0.315"	98,38 x 12,38 mm 3.873 x 0.4847"	98,38 x 12,38 mm 3.873 x 0.4847"
Web Width	98,4 mm 3.874"	108 mm 4.252"	104,775 mm 4.125"	104,775 mm 4.125"
Pitch	15,875 mm 0.625"	15,875 mm 0.625"	15,875 mm 0.625"	15,875 mm 0.625"
Inlays per Roll	55.000	55.000	18.000	18.000
Antenna Material	Aluminium	Aluminium	Aluminium	Aluminium
Inlay Substrate	50um PETm 9UM AI	50um PETm 9UM AI	50um PETm 9UM AI	50um PETm 9UM AI
Facesheet Properties	N/a	N/a	40# Thermal Transfer Paper	50um PET
Adhesive Properties	N/a	N/a	Acrylic Permanent	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	-40 to 85°C -40 to 185°F
Adhesive Application	N/a	N/a	-4°C 25°F	-4°C 25°F
Adhesive Service Temperature (range)	N/a	N/a	-59 to 93°C -75 to 200°F	-59 to 93°C -75 to 200°F

Read Range



Orientation Sensitivity



©2026 Hana Technologies, Inc. (Hana) All rights reserved. Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

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.

Hana RFID

29000 Aurora Rd
Solon, OH, 44139
United States

+1 330 405 4600
sales@hana-rfid.com
www.hana-rfid.com

