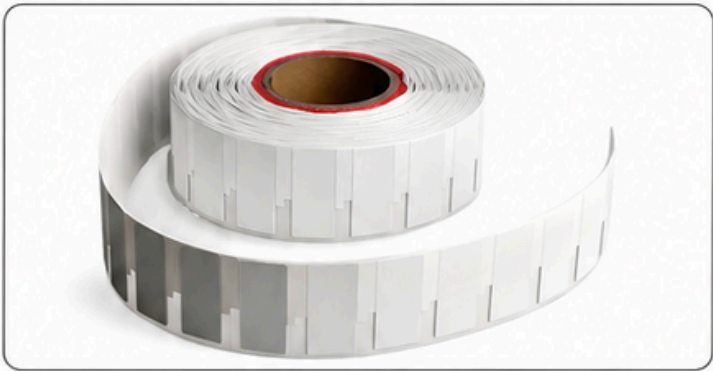




PRINTABLE UHF
ON-METAL INLAY
ON-METAL RFID LABEL
60 x 25 x 1.25mm

High-performance printable UHF RFID on-metal inlay designed for reliable identification and tracking of metallic assets. Featuring Impinj Monza R6 technology and a specialized metal-compatible construction, it delivers excellent read performance on metal surfaces while maintaining a lightweight and printable label format.

Ideal for asset tracking, equipment identification, logistics, warehousing, and industrial automation.



LONG RANGE
READING



OPTIMIZED
FOR METAL



IP68
WATERPROOF



RUGGED
CONSTRUCTION

PRODUCT SPECIFICATIONS

Product Type	UHF RFID On-Metal Inlay
Model	FlexWave 625
Dimensions	60 x 25 x 1.25 mm (2.36 x 0.98 x 0.049 in)
Face Material	Bright White PET (Printable)
Construction	Aluminum Foil + Foam + RFID Inlay + PET
Chip Type	Impinj Monza R6
Memory	96-Bit EPC 96-Bit Unique TID
RFID Frequency	865 – 868 MHz (EU) 902 – 928 MHz (US)
RFID Standard	EPC Class 1 Gen 2 / ISO 18000-6C
Read Range (On Metal)	Up to 4 meters (2W ERP)
Read Range (Off Metal)	Up to 2.5 meters (2W ERP)
Polarization	Linear
Mounting Method	Peel-and-Stick Adhesive
Adhesive	High Performance Acrylic Adhesive Optimized for Metal Surfaces
Print Compatibility	Thermal Transfer Printable
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +60°C
IP Rating	IP68 (at 20°C and 3.3 ft / 1 m for 12 hours)
Application Type	On-Metal Applications
Colour	White
Packing Quantity	500 labels per roll
Printer Supported	Zebra ZT411 / SATO CL4NX Plus / Postek TX3R / Toshiba SX-5

KEY FEATURES

- ✓ Optimized for metal and painted metal surfaces
- ✓ Read range up to 4 meters on metal
- ✓ Read range up to 2.5 meters off metal
- ✓ Powered by high-performance Impinj Monza R6 IC
- ✓ Printable bright white PET surface
- ✓ Flexible and lightweight on-metal label design
- ✓ IP68 rated for harsh industrial environments
- ✓ Shock and vibration resistant (MIL-STD 810-G)
- ✓ High-performance acrylic adhesive for secure attachment
- ✓ Cost-effective solution for industrial asset tracking

TYPICAL APPLICATIONS



ASSET MANAGEMENT

- Equipment identification
- Tool tracking
- Fixed asset management



MANUFACTURING

- Production tracking
- Work-in-progress monitoring
- Industrial automation



LOGISTICS & WAREHOUSING

- Container identification
- Rack management
- Inventory control



FIRE EQUIPMENT

- Fire extinguisher tracking
- Fire hose reel identification
- Fire safety equipment management



UTILITIES

- Infrastructure tracking
- Field asset identification
- Inspection management



HEALTHCARE

- Medical equipment tracking
- Asset visibility
- Equipment maintenance

ENVIRONMENTAL & PERFORMANCE

Water Resistance	IP68
Moisture Resistance	Excellent
Chemical Resistance	Excellent
Shock Resistance	MIL-STD 810-G
Drop Resistance	2m Drop Tested
Indoor Use	Recommended
Metal Surface Compatibility	Optimized for Metal & Painted Metal Surfaces
Operational Humidity	5% to 95% Non-Condensing

RECOMMENDED READER
CHAINWAY C72

5.2" UHF ANDROID 13 MOBILE SCANNER

High-performance UHF RFID mobile computer with Android 13, powerful octa-core processor and long-range reading capability. Ideal for on-metal asset tracking, inventory management, industrial operations, and field applications.



UHF RFID
(Up to 20m*)



Android 13
OS



5.2" HD
Touch Screen



IP65
Rugged Design



Long-lasting
Battery

*Read range is dependent on tag, environment and reader power.

COMPLIANCE



EPCglobal
Gen2 Compliant



ISO 18000-6C
Compliant



RoHS
Compliant

RECOMMENDED STORAGE

- Store in cool, dry conditions
- Avoid direct sunlight exposure
- Recommended humidity: 40%–60% RH
- Keep sealed in original packaging until use



HOTLINE
0861 7347 72



EMAIL
sales@rfdigi.co.za



WEBSITE
www.rfdigi.co.za

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