

METALTRACE

RFID tags for high metal density environments

GENERAL CHARACTERISTICS

Tag dimensions: 106 x 41 x 2 mm

Delivery format: 2 mm EVA foam spacer wet

Adhesive: Solvent free permanent adhesive

Standard face material: White polypropylene

Reel format: 300 pcs/reel

Inner core: 76 mm

External diameter: 200 mm

Unwind direction: Label side out

Operating frequency: Global (860 - 960 MHz)

Chip: IMPINJ Monza R6 / R6P

EPC Memory: 96 / 128 bits auto serialized

USER Memory: NA / 32 bits

TID Memory: 64 bit with 48 bit unique serial number

RF Protocol: ISO-18006-C, EPC Class 1, Gen 2

RoHS: EU Directive 2011/65 EU Compliant

Quality assurance: 100% read tested with
out-of-tolerance inlay marked

Operating temperature: -40°C to 85°C

Shelf life: +20°C, 50% RH minimum

COMMON APPLICATIONS

- Product authentication
- IT asset and laptop tracking
- Global supply chain management
- Cylinder tracking
- Foil-based packaging tracking

Minimum order quantity: 10,000 pcs. Average of units per roll: TBD.



The new METALTRACE is a revolutionary RFID **smart label that works on metallic and non-metallic assets**. The label can incorporate human readable printing, barcodes, and graphics. It has an extremely low profile, and it's flexible to suit curved surfaces such as the contour of metallic cylinders and drums. Globally compliant to EPC global UHF Gen2 and ISO 18006-C standards, **the METALTRACE is cost-effective and versatile for a wide range of applications** from product authentication and IT asset tracking, to the global tracking of assets shipped and anti-counterfeiting of high-value items and medical supplies.

**The test was done with a dielectric made up of a 2 millimetres width foam set on a metal plate.*

CARE AND HANDLING RFID inlays are sensitive to ESD. Observe standard practices to keep environmental 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. Trace-ID does not represent that this product is fit for any purpose or use. PRODUCT CHANGES Trace-ID reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. © 2018 Trace-tech Id Solutions S.L. All rights reserved.