TRu9

SINCE OUR BIRTH IN 2007, TRACE ID HAS ALL THE NECESSARY MACHINERY FOR THE COMPLETE MANUFACTURING OF AN RFID TAG IN OUR FACILITIES IN BARCELONA. TRACE ID HAS BECOME ONE OF THE MOST RELIABLE PARTNERS IN THE RFID INDUSTRY. THANKS TO THE LATEST GENERATION MUHLBAUER MACHINERY FOR BOTH BONDING (BEING THE ONLY ONES IN SPAIN TO PERFORM THIS PROCESS) AND CONVERTING, WE CAN OFFER MAXIMUM CUSTOMIZATION TO ALL OUR CUSTOMERS.

GENERAL CHARACTERISTICS

Wet / White Wet Inlay dimensions: 97 x 12 mm.
Antenna dimensions: 95 x 8 mm.
Standard pitch: 16,42 mm.
Operating frequency: Global (860 - 960 MHz).

For all NXP family tags: ucode9.
EPC memory: 96 bits.
User memory: 0 bits.
TID Memory: 96 bit (factory-locked), 48 bit unique serial number
Kill Password: 32 bit
Write cycle endurance: 100k
Data retention: 20 years

Inlay substrate material: PET.
Inlay-to-liner adhesive: SH3020 (Arconvert).
Liner material: CC62 (Arconvert).
Total thickness over chip: 170 microns.

Standard web width: 110 mm
Unwind direction: Label side out
RF Protocol: RAIN RFID / ISO-18000-63 and EPCglobal Gen 2v2 compliant
RoHS: EU Directive 2011/65 EU Compliant
Quality assurance: 100% read tested w/o of tolerance inlay marked
Operating temperature: –40°C to 85°C

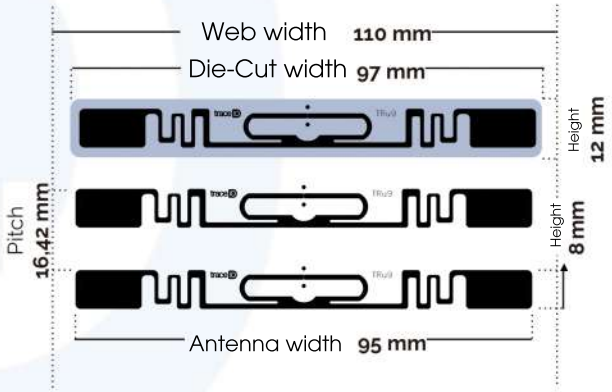
To see a similar inlay with Monza Family chip or if you want more information, contact us: info@trace-id.com

COMMON APPLICATIONS

Logistics and supply chain.

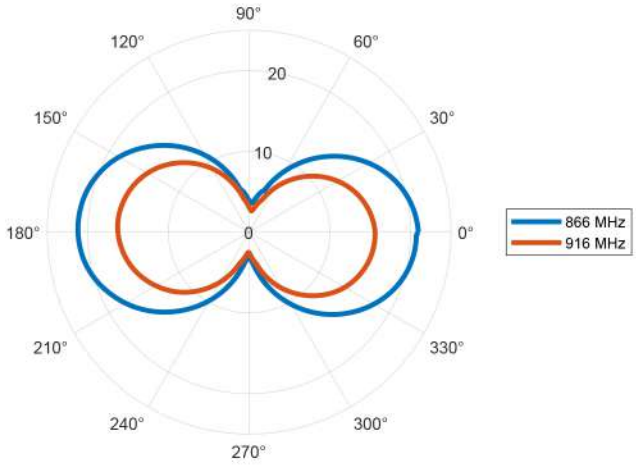
Minimum order quantity: 10,000 pcs.
Average of units per roll: TBD.

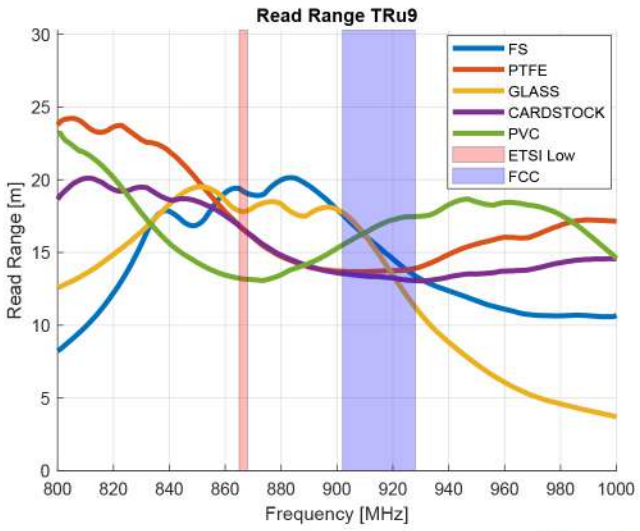
MEASUREMENT AND FORMAT



PERFORMANCE INDICATORS

Kindly be aware that the graphs provided are for illustrative purposes and actual performance in practical applications may exhibit variations.





As we have our own antenna design capacity, we adapt to the most common chips in the RFID market, such as Impinj and NXP. At Trace ID, the verification process of each RFID tag is done through Voyantic, thus guaranteeing maximum performance.

info@trace-id.com www.trace-id.com C/ Riera dels Frares nº 5-9, 08907 - Barcelona, Spain