

# TE27

## GENERAL CHARACTERISTICS

**Wet / White Wet Inlay dimensions:** 74 x 18 mm  
**—Antenna dimensions:** 70,2 x 14 mm  
**Standard pitch:** 21,6 mm

**Operating frequency:** Global (860 - 960 MHz)  
**Chip:** IMPINJ Monza 700 series (750 / 730)  
**EPC Memory:** 96 / 128 bits auto serialized  
**USER Memory:** 32 / None bits  
**TID Memory:** 96 bit with 48 bit unique serial number

**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

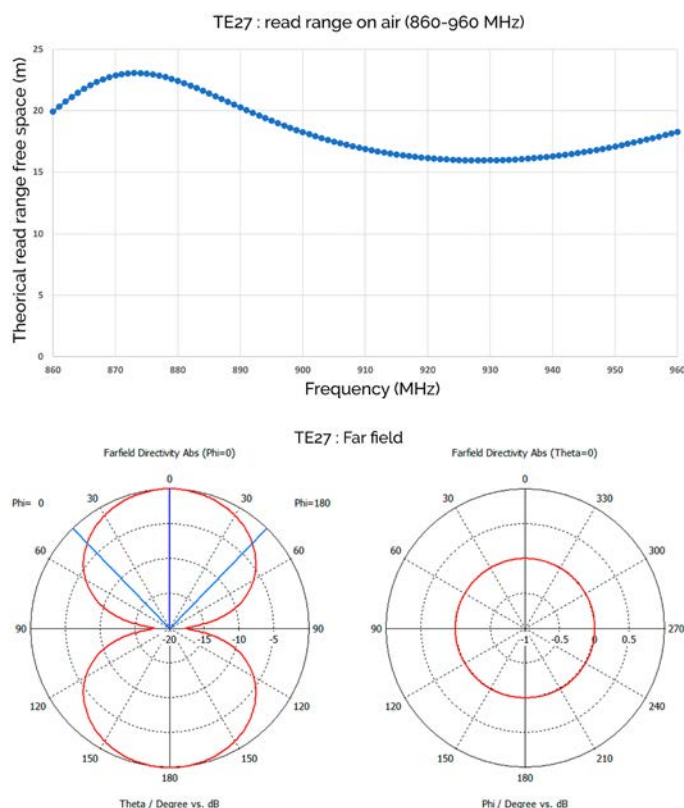
**RF Protocol:** RAIN RFID / ISO-18000-63 and EPC-global Gen 2v2 compliant  
**RoHS:** EU Directive 2011/65 EU Compliant  
**Quality assurance:** 100% read tested with out-of-tolerance inlay marked  
**Operating temperature:** -40°C to 85°C

## COMMON APPLICATIONS

*Clothing and other retail items. Food (meat and lunchmeat). Libraries and archives.*

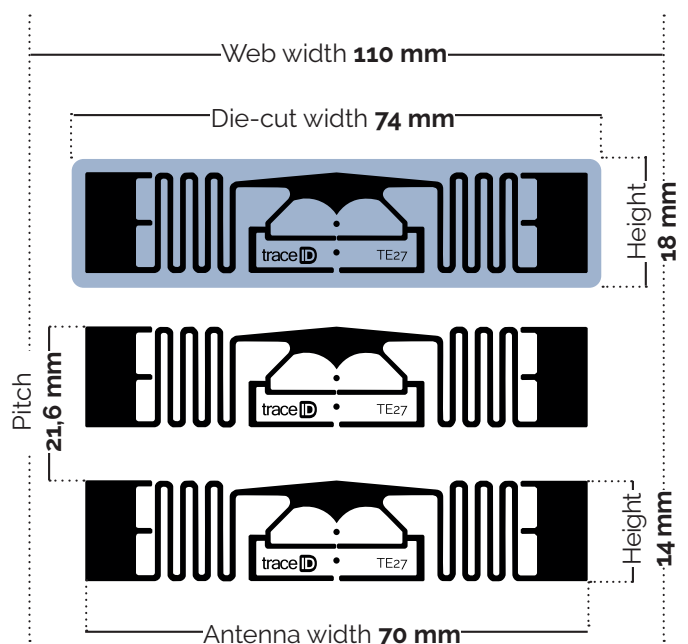
*Minimum order quantity: 10,000 pcs. Average of units per roll: TBD*

## PERFORMANCE INDICATORS



The TE27 UHF RFID tag with the IMPINJ M700 chip series improves on the performance of its predecessor, the TE26, and adapts to RFID solutions for food (meat and lunchmeat). Clothing and retail items. Libraries and archives.

## MEASUREMENT AND FORMAT



*All graphs are indicative; performance in real life applications may vary.*

*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. © 2020 Trace-tech Id Solutions S.L. All rights reserved.*