

Maxdura® Keg Embedded

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6-P

Hard Tag Dimensions

10 x 60 mm / 0.39 x 2.36 in

International Standard

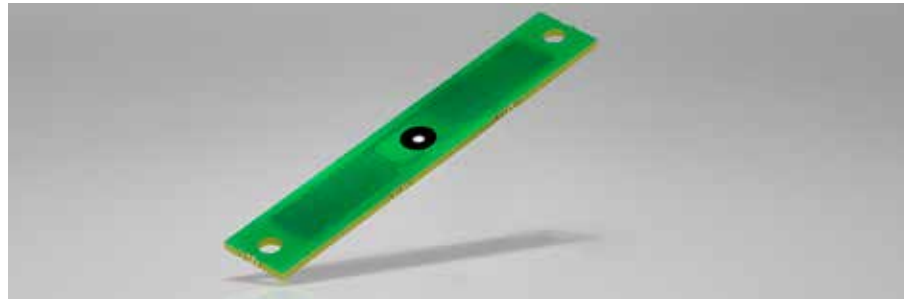
ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Food
Logistics
Industrial Applications

Applications

Supply Chain Management
On-Metal Asset Tracking
Metal and Liquids



Superior performance and robustness in tagging beer kegs with PU covers

Maxdura® Keg Embedded tags are our solution for reliably identifying and tracking beverage kegs with polyurethane (PU) covers under bulk reading conditions. The UHF RFID tags are the result of an application-centric development procedure including practical tests in close cooperation with potential customers.

Maxdura® Keg Embedded tags come as printed circuit boards (PCB), and are perfectly suited for embedding or inserting into the PU cover. Carefully optimized for this environment, Maxdura® Keg PU offers superior reading characteristics that allow 100% reading rates even when palettes or truckloads with up to 50 kegs pass an UHF RFID gate.

Abolishing the need for welding, Maxdura® Keg Embedded tags are suitable for building into new kegs as well as for retrofitting existing ones. They are available as plain PCBs or equipped with mounting devices for diverse manufacturing or retrofitting processes.

Maxdura® Keg Embedded tags come equipped with Impinj Monza R6-P ICs that comply with EPC Class 1 Gen 2 and ISO 18000-6C standards and protocols, and meet industry demands by delivering unmatched read performance, data integrity and encoding speeds.

Our inlays and tags are compliant with ISO 9001:2015 quality management and ISO 14001:2015 environmental management.

Technical features

Chip	Impinj Monza R6-P
EPC and User Memory	96-bit and 32-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	510026
Hard Tag Dimension	10 x 60 mm / 0.39 x 2.36 in
Thickness	1.2 mm / 0.05 in
Housing Material	PCB
Color	Green
Operating Temperature	-40 °C to 70 °C -40 °F to 158 °F
Quantity / Package	100 pcs / box
Certificates	IP65 ETSI

Contact information

rfid.averydennison.com/contact

North America: +1-866-903-7343 (toll free US)

International: +1-678-617-2359



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Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: 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 particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.