

Maxdura® Keg

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6-P

Hard Tag Dimensions

53 x 26 mm / 2.09 x 1.02 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 and other RTI

Maxdura® Keg hard tags are our solution for reliably identifying and tracking beverage kegs, gas cylinders and other curved metal returnable transport items (RTI) under bulk reading conditions.

Maxdura® Keg tags are specifically designed to withstand the harshest treatment. They come in compact and extremely robust ABS casings, and are designed to be permanently glued to the inner face of the keg's collar. They are optimally protected, do not interfere with hand transport and allow a lifting rod to be inserted. This specific tag placement contributes to 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 tags are suitable for building into new kegs as well as for retrofitting existing ones.

Maxdura® Keg tags come equipped with Impinj Monza R6-P ICs that comply with EPC Class 1 Gen 2 and ISO 18000-6C standards and protocols.

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.

Technical features

Chip	Impinj Monza R6-P
EPC and User Memory	128-bit and 32-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	3007382
Hard Tag Dimension	53 x 26 mm / 2.09 x 1.02 in
Thickness	22 mm / 0.87 in
Housing Material	ABS
Color	Grey
Operating Temperature	-40 °C to 70 °C -40 °F to 158 °F
Quantity / Package	100 pcs / box
Certificates	IP68 Regulation EC(No) 1935 / 2004 ; 80/590/EEC and 89/109/EEC; Regulation EU 10/2011; EU 2019/1338; LFGB (Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch) German regulation BGBl. Ip.498, §§30 and 31 Broadband

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.