

Maxdura® Brick

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Alien Higgs 3

Hard Tag Dimensions

39 x 13 mm / 1.54 x 0.51 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Industrial Applications
Logistics
Automotive

Applications

Supply Chain Management
On-Metal Asset Tracking
Returnable Transport Units (RTUs)



Compact size for on-metal tagging

Our Maxdura® Brick has been designed with a rugged construction for high durability on metallic surfaces. It offers excellent read range performance up to seven meters. Its compact size makes it suitable for IT asset tracking such as backup tapes, servers, network routers, hard drives and media tapes without any human intervention. Moreover, it fits applications for inventory control, track and trace of small tools and manufacturing equipment.

This UHF RFID hard tag, member of our Maxdura® product family is a passive, battery-less transponder equipped with Alien Higgs-3 IC, including 512-bit user memory.

It offers a flexible read / write range depending on the reader. Maxdura® Brick housing is made of TPU, fulfilling ingress protection IP68. Other plastic materials and colors are available upon request. It can be easily fixed with adhesive backing and a hanging thread through a tiny hole for easy mounting. Maxdura® Brick is also available for non-metallic applications.

Due to its excellent read range, compact size and high resistance, it is very well suited to tap the benefits of passive RFID in different industrial applications.

Technical features

Chip	Alien Higgs 3	Alien Higgs 3
EPC and User Memory	96-bit and 512-bit	
TID Memory	Available for all	
Product Code	3500215	3500224
Hard Tag Dimension	39 x 13 mm / 1.54 x 0.51 in	
Frequency Band	UHF 860 - 960 MHz	
Thickness	5.3 mm / 0.21 in	
Housing Material	TPU	
Color	Black	
Operating Temperature	-25 °C to 85 °C -13 °F to 185 °F	-40 °C to 85 °C -40 °F to 185 °F
Storage Temperature	-25 °C to 85 °C -13 °F to 185 °F	
Quantity / Package	100 pcs / box	
Certificates	IP68 ETSI	IP68 FCC

Contact information

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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.