

Maxdura® Flex

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Alien Higgs 3

Hard Tag Dimensions

124 x 30 mm / 4.88 x 1.18 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Industrial Applications

Logistics

Automotive

Applications

Supply Chain Management

Asset Tracking

Pallet Identification



Ideal for curved surfaces

Our Maxdura® Flex has been designed with a rugged construction for high durability for curved surfaces in asset tracking applications.

This UHF RFID hard tag, member of our Maxdura® product family with global frequency tuning is an excellent choice to tag curved boxes made of plastic or wooden.

Maxdura® Flex is a passive, battery-less transponder that provides a reliable read range and performance over 10m and is equipped with Alien Higgs-3 IC, including a user memory of 512 bit. It offers a flexible read / write range depending on the reader.

Maxdura® Flex housing is made of TPU, including ingress protection IP68 and can be easily fixed with screws, rivets or with an adhesive tape on the backside for easy attachment.

Due to its flexible structure high resistance, it is very well suited to tap the benefits of passive RFID in challenging environments for different industrial applications.

Technical features

Chip	Alien Higgs 3
EPC and User Memory	96-bit and 512-bit
TID Memory	Available
Product Code	3500211
Hard Tag Dimension	124 x 30 mm / 4.88 x 1.18 in
Thickness	3 mm / 0.12 in
Housing Material	TPU
Color	Black
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F
Quantity / Package	100 pcs / box
Certificates	IP68 Broadband

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.