Maxdura® Disc

Overview

Frequency Band
HF 13.56 MHz
LF 125 kHz

Chip
ATMEL ATA5577
Fujitsu FRAM 2k rev.C
NXP ICODE SLIX
NXP ICODE SLIX 2

Hard Tag Dimensions
Ø 20 mm / 0.78 in
Ø 30 mm / 1.18 in
Ø 50 mm / 1.97 in

International Standard
ISO 18000-3 Mode 3
ISO 15693

Industry Segments
Industrial Applications
Healthcare
Logistics
Automotive

Applications
Supply Chain Management
Asset Tracking
Returnable Transport Units (RTUs)
Laundry
Logistics

The right choice for demanding conditions

Our Maxdura® Disc product family is a robust solution purpose-built for use in severe industrial environments.

Made of polyamide and glass fiber reinforced, the tag is the right choice for outside applications as it is very compact and resistant. It is ideal for items that need to be securely identified and that are regularly subjected to high thermal and/or mechanical stress conditions. Examples include items that pass hot water cleaning processes or are used in other high temperature environments found in some heavy industries.

Maxdura® Disc with Fujitsu FRAM IC is especially designed for different kinds of medical applications due to the bigger memory size and resistance to gamma radiation.

Thanks to its new molding and specific modified thermoplastic, the Maxdura® Disc can withstand long water immersion, chemicals and high temperatures.

Equipped with an anti-collision feature it offers the advantage that several tags can be read at the same time thus accelerating and simplifying processes.

Technical features

Chip	NXP ICODE SLIX	NXP ICODE SLIX	NXP ICODE SLIX	Fujitsu FRAM 2k rev.C	Fujitsu FRAM 2k rev.C	NXP ICODE SLIX 2	ATMEL ATA5577	Fujitsu FRAM 2k rev.C	Fujitsu FRAM 2k rev.C
Total Memory	1000-bit	1000-bit	1000-bit	16,000-bit	16,000-bit	2528-bit	2528-bit	16,000-bit	-
TID Memory	Avaliable for all								
Product Code	3002556	3002557	3002558	3002559	3002560	3006820	3003509	3002561	3006588
Hard Tag Dimension	Ø 20 mm 0.78 in	Ø 30 mm 1.18 in	Ø 50 mm 1.97 in	Ø 20 mm 0.78 in	Ø 30 mm 1.18 in	Ø 20 mm 0.78 in	Ø 20 mm 0.78 in	Ø 50 mm 1.97 in	-
Frequency Band	HF 13.56 MHz LF 125 kHz								
Thickness	3 mm 0.12 in	3 mm 0.12 in	3.60 mm 0.14 in	3 mm 0.12 in	3 mm 0.12 in	3 mm 0.12 in	3 mm 0.12 in	3 mm 0.14 in	3 mm 0.12 in
Housing Material	PA+GF30%								
Color	Black								
Operating Temperature	-35 °C to 85 °C -31 °F to 185 °F	-35 °C to 85 °C -31 °F to 185 °F	-35 °C to 85 °C -31 °F to 185 °F	-40 °C to 85 °C -4 °F to 185 °F	-40 °C to 85 °C -4 °F to 185 °F	-35 °C to 85 °C -31 °F to 185 °F	-40 °C to 85 °C -4 °F to 185 °F	-40 °C to 85 °C -4 °F to 185 °F	-40 °C to 85 °C -4 °F to 185 °F
Storage Temperature	-40 °C to 10 °C -40 °F to 212 °F	-40 °C to 10 °C -40 °F to 212 °F	-40 °C to 10 °C -40 °F to 212 °F	-40 °C to 10 °C -40 °F to 212 °F	-40 °C to 10 °C -40 °F to 212 °F	-40 °C to 10 °C -40 °F to 212 °F	-40 °C to 10 °C -40 °F to 212 °F	-35 °C to 100 °C -31 °F to 212 °F	-35 °C to 100 °C -31 °F to 212 °F
Quantity / Package	8000 pcs / box	8000 pcs / box	2500 pcs / box	8000 pcs / box	10000 pcs / box	8000 pcs / box	8000 pcs / box	2500 pcs / box	8000 pcs / box
Certificates	IP67								

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Connect with us on:

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.