

Glass Tag NFC

Overview

Frequency Band

NFC 13.56 MHz

Chip

NXP ICODE SLIX 2
NXP ICODE SLIX-L
NXP NTAG216

Hard Tag Dimensions

Ø 2.12 x 12 mm / 0.08 x 0.47 in

International Standard

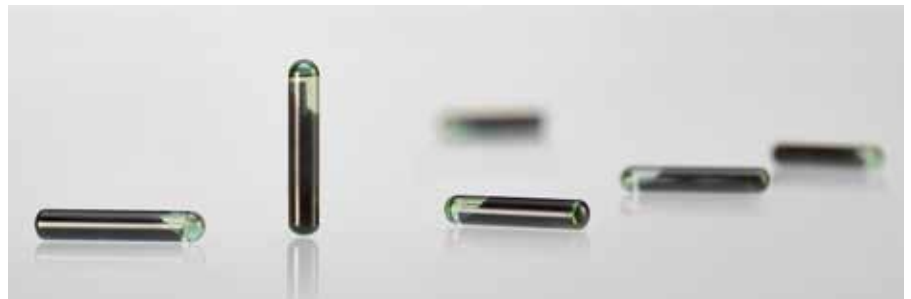
ISO 14443
ISO 15693
NFC Forum Type 2
NFC Forum Type 5

Industry Segments

Industrial Applications
Healthcare
Sports and Events

Applications

Supply Chain Management
Gaming and Toys
Sports Timing
Animal Identification



Top read range for a wide portfolio of applications

Our Glass Tag NFC is designed for a broad range of applications such as retail, apparel, toys and gaming, merchandising, tools and industrial goods, as well as new areas of animal ID.

Its extraordinary robustness and small tubular form factor allow new ways of embedding into physical objects. For example, it can be embedded reliably into a wide range of industrial or consumer products through injection molding in plastic materials or by insertion into small predrilled holes.

Due to its miniature diameter of just 2.12 mm, short length of 12 mm and light weight of 100 mg, Glass Tag NFC is one of the smallest form factor glass tags available in the marketplace. Resistant to most chemicals, the tag can be embedded into many different materials such as concrete, plastic or wood, often by insertion into predrilled holes before being sealed in place with synthetic resin or silicone.

The Glass Tag NFC is available with either an NXP SLIX2 IC featuring up to 316 bytes of user memory and NFC Forum Type 5 Tag compliance, or NXP's NTAG216 IC with up to 888 bytes of user memory and NFC Forum Type 2 Tag compliance. Data from the chip inside the Glass Tag NFC can be read by either a dedicated reader or an NFC-enabled smartphone. The typical read distance ranges between 2 cm and 3 cm, depending on application parameters such as the embedding material and other factors.

All glass tags undergo a 100% test regarding optical, mechanical and electrical parameters prior to delivery thus guaranteeing highest quality standards.

Technical features

Chip	NXP NTAG216	NXP ICODE SLIX 2	NXP ICODE SLIX-L
EPC and User Memory	7104-bit	2528-bit	256-bit
TID Memory	Available for all		
Product Code	739029	738029	738030
Hard Tag Dimension	Ø 2.12 x 12 mm / 0.08 x 0.47 in		
Housing Material	Glass		
Operating Temperature	-25 °C to 85 °C -13 °F to 185 °F		
Storage Temperature	-40 °C to 90 °C -40 °F to 194 °F (max. 1000h)		
Quantity / Package	1000 pcs / plastic bag		
Certificates	IP68		

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.