

AD Velodrome ST25TV512C

Overview

Frequency Band

HF 13.56 MHz

Chip

ST25TV512C NFC

Antenna Dimensions

30 x 10 mm / 1.18 x 0.39 in

International Standard

ISO 15693

Industry Segments

Industrial Applications

Applications

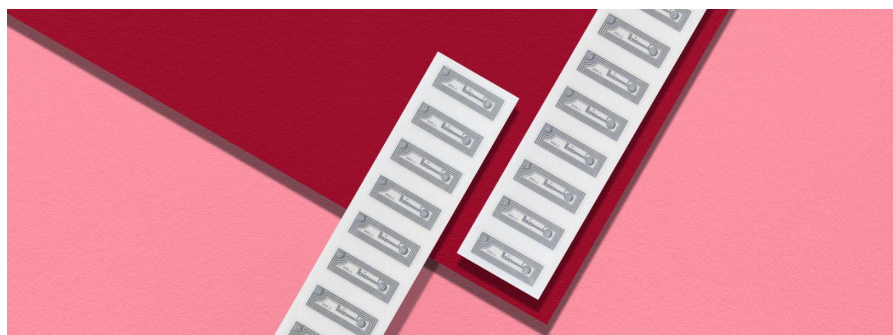
Product Authentication
Pharmaceutical and Healthcare

RoHS

EU Directive 2011/65/EC and
Directive (EU) 2015/863

REACH

Regulation (EC) No 1907/2006



Superior performance for healthcare in small size

Our AD Velodrome is designed for healthcare applications such as pharmaceutical product authentication, brand protection and consumer engagement. It is equipped with STMicroelectronics ST25TV512C chip featuring Augmented NDEF, meaning e.g. UID (Unique Identifier), signature and/or UTC (Unique Tap Code) information can automatically and natively be added to each "tap". The chip also has flexible user memory configuration and digital signature enabling easy and efficient adaptation to various end user cases.

AD Velodrome is available with a pharmaceutical grade adhesive (Avery Dennison S692NP). The most recent cytotoxicity testing results obtained for this adhesive, concluded no relevant genotoxicity effect was observed. The S692NP adhesive has a Drug Master File (DMF) submitted to the FDA. The liner is made from FSC® certified paper.

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management. This ensures a reliable and state-of-the-art product that meets a variety of application needs, where high performance is a critical parameter.

Technical features

Chip	ST25TV512C NFC
User Memory	512-bit
Product Code	IL-610987
Delivery Format	Wet inlay +
Die-cut Dimension	32 x 12 mm / 1.26 x 0.47 in
Inlay Substrate	PET
Face Sheet	Clear PET
Thickness	133 µm
Standard Pitch	18 mm / 0.709 in
Web Width	40 mm / 1.575 in
Core Size	76 mm / 3 in
Quantity / Reel	5,000 pcs/reel 15,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F

Contact information

rfid.averydennison.com/contact

+1-678-617-2359

Connect with us on:



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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.

