

# AD Miniblock ISlix/ISlix2

## Overview

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**Frequency Band**

HF 13.56 MHz

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**Chip**

NXP ICODE SLIX  
NXP ICODE SLIX 2

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**Antenna Dimensions**

14.5 x 14.5 mm / 0.57 x 0.57 in

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**International Standard**

ISO 15693

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**Industry Segments**

Industrial Applications

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**Applications**

Product Authentication  
Pharmaceutical and Healthcare  
NFC

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**RoHS**

EU Directive 2011/65/EU and  
2015/863 Compliant

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**REACH**

Regulation (EC) No. 1907/2006



## Smallest tag with great performance

Our AD Miniblock inlays and tags featuring NXP ICODE SLIX and SLIX2 ICs are the smallest square shaped top performers designed for package and item level applications.

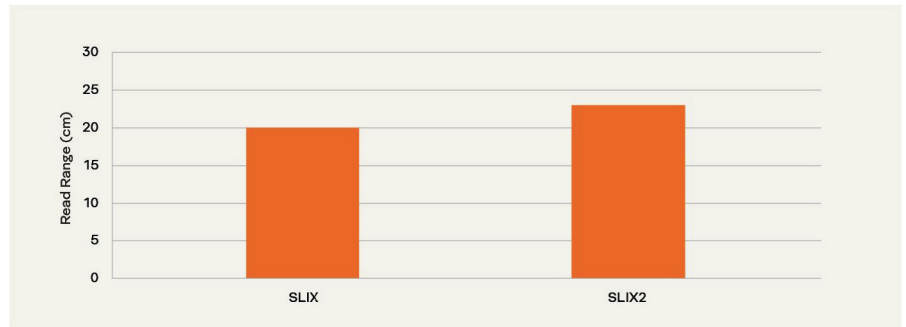
AD Miniblock equipped with NXP ICODE SLIX provides 896-bit of user memory, while NXP ICODE SLIX2 boasts an extended user memory of 2,528-bit. With its tiny size it provides excellent performance for small item level tagging and less material detuning.

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	NXP ICODE SLIX	NXP ICODE SLIX 2
EPC and User Memory	896-bit	2500-bit
Product Code	3002129 / IL-602638	3005860 / IL-602970
Delivery Format	Wet inlay +	Wet inlay +
Die-Cut Dimension	18 x 18 mm / 0.71 x 0.71 in	18 x 18 mm / 0.71 x 0.71 in
Inlay Substrate	PET	PET
Face Sheet	Clear PET	Clear PET 12
Total Thickness	134 µm	134 µm
Standard Pitch	22 mm / 0.866 in	22 mm / 0.866 in
Web Width	24.0 mm / 1 in	24.0 mm / 1 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	2000 pcs/reel 4000 pcs/box	5000 pcs/reel 12000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	

## Read range



All graphs are indicative: performance in real life applications may vary.



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**Warranty:** Please refer to Avery Dennison standard terms and conditions:

**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.

