RFID Book Labels

Libraries can enhance productivity using our specially designed RFID labels with ICODE SLIX2 IC (ISO 15693) for media identification, registration, security, and efficient searching. High-quality tags with longer read ranges ensure durability and longevity for library materials. RFID labels are vital to the solution, and without proper understanding, choosing the wrong labels can impact overall effectiveness and return on investment.

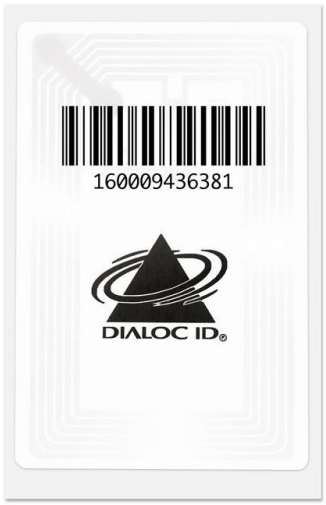
APTQ RFID book labels feature an optimally designed aluminum antenna for superior performance at security gates, specifically pre-tuned for use both inside and on top of books. The attached ICODE SLIX2 IC (ISO 15693) chip, renowned for its global availability and longevity, is ideally suited for this application. The chip's data retention capabilities are among the best in the industry. Furthermore, the label's top layer is composed of a special material with optimal hygroscopic properties, ensuring that moisture does not penetrate the tag and compromise read range performance.

Our acid free adhesives prevent that your valuable books are destroyed.

APTQ RFID book labels can be customized with optional printed logos in monochrome or full color. Additionally, tags can be preprinted with barcodes, and the chip can be encoded with data using our advanced software. To explore the possibilities and learn how our team can assist you, please do not hesitate to inquire with our knowledgeable staff.

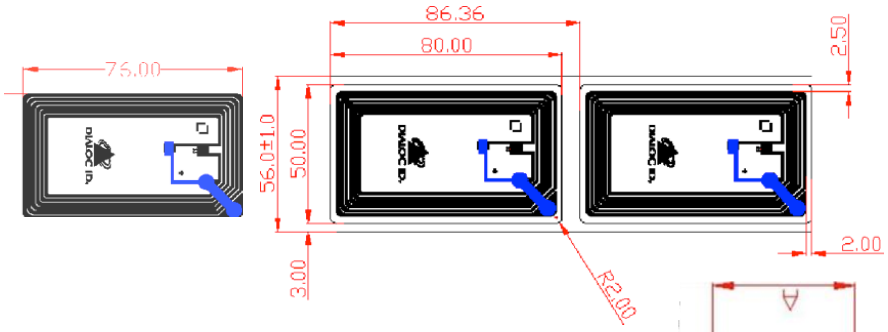
RFID Book Labels

RFID Book Labels 50x80 mm



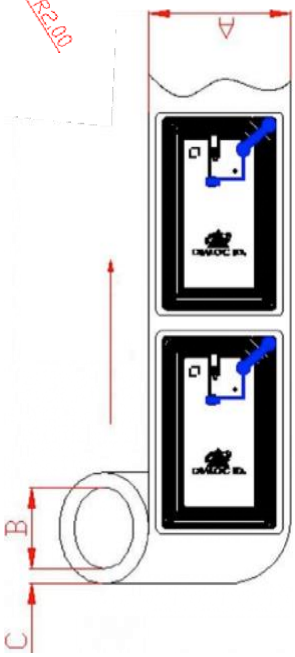
SKU: RFID-BL5X8-N

Booklabel 50 x 80mm
ISO 15693, ISO 18 000-3 Mode-
1 NXP ICODE SLIX2 IC



Mechanical dimensions:

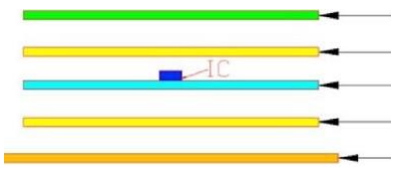
Antenna size:	45 x 76 mm
Tolerance:	+0.5 mm
Die-cut size:	50 x 80 mm
Tolerance:	+ 0.5 mm
Pitch, length:	86.36 mm
Die-cut to web edge:	3,0 mm
Die-cut radius:	2,0 mm
Antenna to Die-cut length:	2,0 mm +/- 0,5 mm
Antenna to Die-cut width:	2,5 mm +/- 0,5 mm



Reel Details:

Web width (A):	56 mm +/- 1 mm (A)
Inner core diameter	76 mm (B)
(B): Core thickness (C):	6 - 8 mm (C)

Product structure:



Face material PP (60 µm)
Adhesive
Antenna
Adhesive
Backing paper

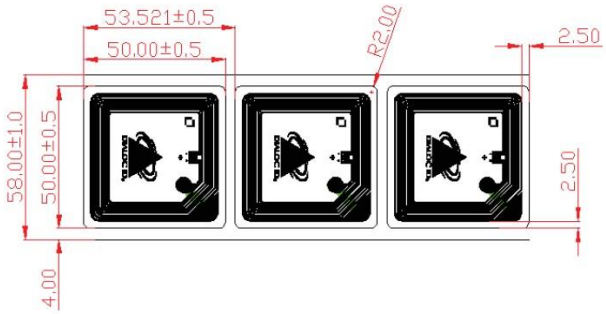
Electrical Specification:
Manufacturer / IC: NXP ICODE
SLIX2 Substrate material: PET
Antenna Process Mode: Aluminum Etching
Protocol: ISO / IEC / 15693
Memory: 2.5 Kbit
Operating Frequency: 13.56 MHz
Working mode: passive
Data Retention: 100.000 cycles (50 years)

Environmental requirement:

Operating temperature / Humidity:	-40 ~ +85 C / 20% ~ 60% RH
Storage temperature / Humidity:	-40 ~ +85 C / 20% ~ 60% RH
Product quality warranty:	at 20 ~ 30 C / 20% ~ 60% RH
	1 year in closed antistatic bags

RFID Book Labels

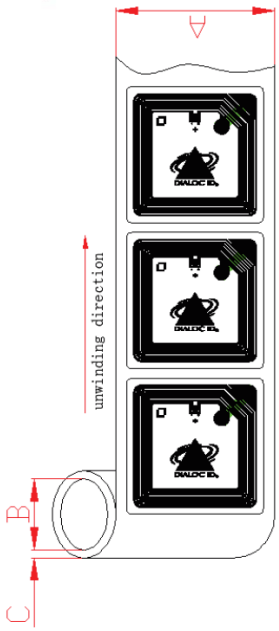
Booklabel 50 x 50mm
ISO 15693, ISO 18 000-3 Mode-1 NXP ICODE SLIX2 IC



RFID Book Labels 50x50 mm

Mechanical dimensions:

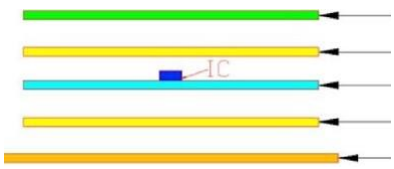
Antenna size:	45 x 45 mm
Tolerance:	+0.5 mm
Die-cut size:	50 x 50 mm
Tolerance:	+ 0.5 mm
Pitch, length:	53,52 mm
Die-cut to web edge:	4,0 mm
Die-cut radius:	2,0 mm
Antenna to Die-cut length:	2,5 mm +/- 0,5 mm
Antenna to Die-cut width:	2,5 mm +/- 0,5 mm



Reel Details:

Web width (A):	58 +/- 1mm (A)
Inner core diameter (B):	76 mm (B)
Core thickness (C):	6-8 mm (C)

Product structure:



Face material PP (60 µm)
Adhesive
Antenna
Adhesive Backing
paper

Electrical Specification:

Manufacturer / IC: NXP ICODE SLIX2
Substrate material: PET
Antenna Process Mode: Aluminum Etching
Protocol: ISO / IEC / 15693
Memory: 2.5 Kbit
Operating Frequency: 13.56 MHz
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Environmental requirement:

Operating temperature / Humidity:	-40 ~ +85 C / 20% ~ 60% RH
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