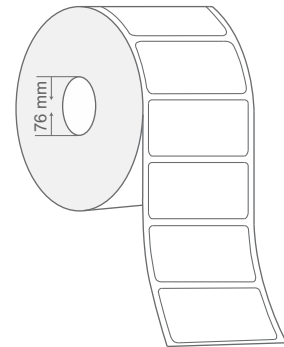


Syndicate Book Labels available in two different formats 50 x 50 mm and 80 x 50 mm have been developed especially for library management applications. These are supplied in roll form as finished labels. Syndicate Book labels have been optimized for thermal barcode printers, enabling low cost and hassle-free RFID deployment.

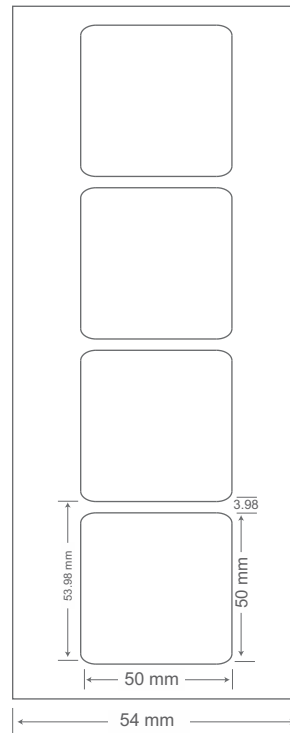
TYPICAL APPLICATIONS

- Library and Media Management
- Documents Management

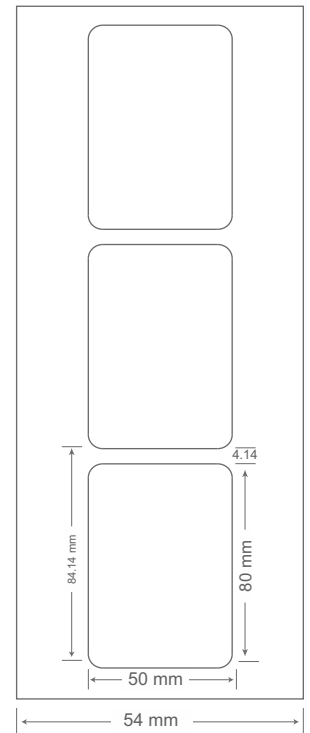


PHYSICAL SPECIFICATION

Face Stock	Printable white Paper
Label Sizes	50 x 50 x 0.2 mm / 1.97 x 1.97 x 0.01 in 80 x 50 x 0.2 mm / 3.15 x 1.97 x 0.01 in
Adhesive	High performance permanent adhesive with excellent bonding to a variety of substrates
Weight	Book I - 0.76 gms Book II - 1.1 gms
Delivery format	On reel
No. of Labels/ Reel	Book I - 1000 pcs Book II - 500 pcs
Label Pitch	50 x 50 mm book label : 53.98 mm / 2.13 in 80 x 50 mm book label : 84.14 mm / 3.31 in
Core inner diameter	76 mm / 3 in



Syndicate Book I



Syndicate Book II

RF SPECIFICATION

Mode of Operation	Passive
Device type	Passive HF RFID transponder
Air interface protocol	ISO/ IEC 15693
Operational frequency	13.56 MHz
IC type*	NXP ICODE SLIX
Memory configuration	1024 bits, bit; UID 64 bit; User Memory - 896 bits
Data Retention	Upto 50 years
Write Endurance	100000 Cycles
Applicable surface materials*	Non-metallic surfaces

*Other ICs available on request

ENVIRONMENTAL RESISTANCE

Operating Temperature	-20°C to +70°C / -4°F to +158°F
Withstands Exposure to	95% humidity, 50°C × 24 h
Peak Temperature	+85°C for 24 hrs, +100°C for 1 hrs
Storage condition	1 year in +23°C / 50% RH

PERSONALIZATION OPTIONS

Pre-encoding

- Customer specific encoding of user memory

Customized Printing

- Customer specific layout including logo & text, numbers, barcodes etc.

N-6, Verna Industrial Estate, Phase IV,
Verna, Goa-403722, INDIA
Tel.: +91-832-6480365, 6621000

sales@syndicaterfid.com | www.syndicaterfid.com

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