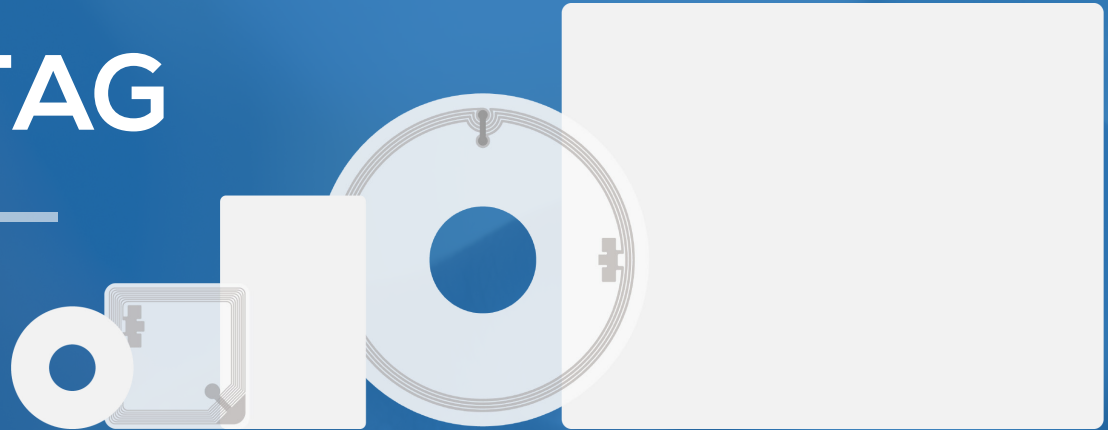


# rfidTAG



The first step to converting your library collection to RFID is choosing tags that deliver fast, reliable performance. Your tags are the key to faster transactions, simpler shelf management, and improved item security using RFID capabilities.

Tech Logic has worked with hundreds of libraries to complete RFID conversions. Our rfidTAG designs exceed industry standards with high quality materials available in formats for all types of library materials. Guaranteed for the entire life-cycle of the item it is affixed to, rfidTAG has set the benchmark for RFID tag quality and performance in the library industry.



## LIBRARY STANDARD

13.56 MHz frequency labels are fully aligned with ISO/IEC 15693, 18000-3, and 28560 – the standard for RFID tags used by all types of libraries.



## MULTIPLE FORMATS

rfidTAG Solutions are available for printed materials, AV cases and individual discs, illustrated materials, tablets, and more.



## CUSTOMIZED TAGS

rfidTAGs can be customized with library logos for ownership marking, barcode “buddy labels”, pre-encoding of data on tags, and more.



## rfidTAG X-Range (CD/DVD Tag)

### RFID Inlay

Size (final cut-out)	OD ø116 mm, ID ø41 mm
Thickness (over IC)	~ 400 µm
Thickness (over antenna)	~ 280 µm

### RFID Chip

IC Code	NXP ICODE SLIX2 SL2S2602
RF Protocol	ISO/IEC 15693
Thickness	~ 120 µm
EEPROM Memory Size	2560 bits
User Memory Size	2528 bits

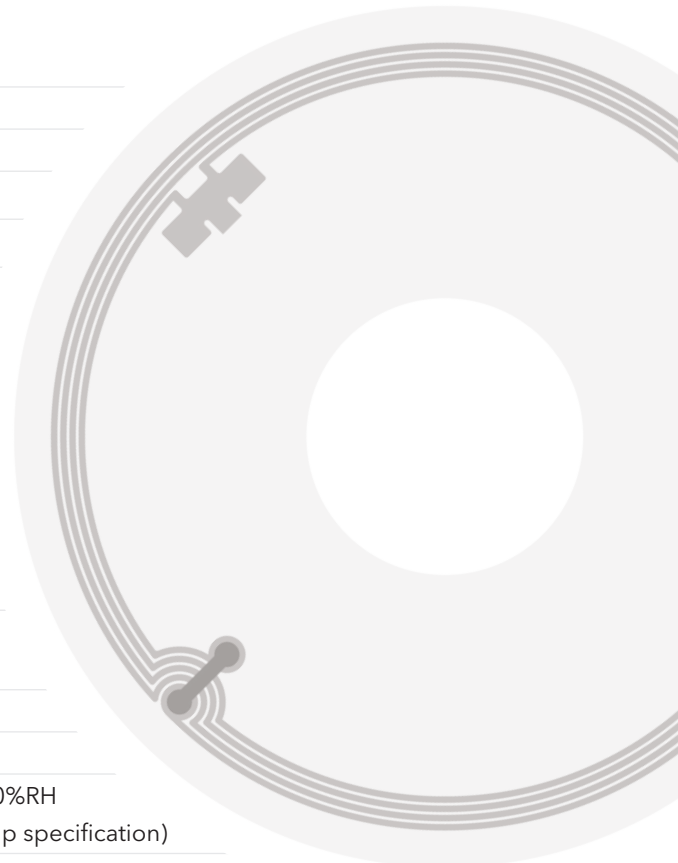
### Antenna Substrate (HF 13.56 MHz Identiv Smart Inlays)

Antenna Size	ø110 mm
Material	Aluminum etched on clear, PET Substrate
Cross-over Connection	Crimping process

### Reliability

Operating Temperatures	-20° ~ 70°C (-4° ~ 158°F), at <60%RH (according to and limited by chip specification)
Thermal Cycle Test	100 cycles under -55°/85°C (-67°/185°F) 15min dwell
Thermal Humidity Test	168 hours under 85°C (185°F)/85% RH

Tag shown at actual size



### Product Options

- Printed Artwork (library logos for ownership marking)
- Barcode (single or dual, for "buddy labels")
- Chip encoding with static or dynamic information

### Reel Delivery Format

Flange Size	OD 300mm: ID 76mm
Quantity/Reel (functional units)	1,000 Units

