








## **bibliotheca RFID tag™ range**

our complete range of RFID labels

The core component of any RFID system is the label itself; without the label the entire solution simply cannot operate. It is therefore critical that the labels you choose are 100% compliant, reliable and fit for purpose. All bibliotheca RFID labels are compliant with ISO 18000-3 mode 1 and ISO15693 air interface protocols and the SLi-1 and SLi-2 chips are capable of storing data in the industry standard ISO 28560 format. In addition all labels in our range come complete with a 50 year or 100,000 read-write data retention guarantee. All bibliotheca solutions can read multiple tags as long as they are ISO compliant.



# our complete range of RFID labels

	Application	Size	Stock	Suitability for DVD solution	Suitability for CD solution
 RFID tag™ square RFID tag™ squareClear	Books & Magazines	50.0 x 50.0 mm 1.97 x 1.97 inches	White facestock paper (printable) / Transparent synthetic facestock	✓*	✓*
 RFID tag™ rectangle RFID tag™ rectangleClear	Books & Magazines	49 x 81 mm 1.92 x 3.18 inches	White facestock paper (printable) / Transparent synthetic facestock	✓*	✓*
 RFID tag™ hub	CDs	Ø 40.00 mm Ø 1.57 inches	White facestock paper (printable)	**	**
 RFID tag™ fullDiscDVD	DVD & Bluray	Ø 116.00 mm Ø 4.57 inches	Transparent synthetic facestock	✓	
 RFID tag™ fullDiscCD	CD & DVD	Ø 116.00 mm Ø 4.57 inches	Transparent synthetic facestock	✓	✓

 Recommended for use with CD/DVD media

 Average performance on CD/DVD media

\* When used in conjunction with our smartcase™ products.

\*\* Can be used with CD-r's depending on the metallisation of the disc.

# bibliotheca RFID tag™ range

## bibliotheca label performance guarantee

All RFID tag™ products must pass accelerated aging testing at 85°C and at 85% humidity for 15 weeks which included performance testing. Our entire range of RFID tag™ products, when handled according to our recommended practices, are guaranteed for the lifetime of the item to which they are affixed.

In the unlikely event an RFID label is found to be defective, we will replace it, free of charge.

## cost-effective custom printing services

bibliotheca can provide custom printing options with the library's logo, barcode or any other information on printable RFID tag™ tags. Artwork can be pre-printed in either black or up to four colours and delivered to the library, ready to be applied.



## Specifications : bibliotheca RFID tag™ range

<b>Standards</b>	ISO 18000–3 mode 1, ISO 15693, ISO 28560, CE, IS10716 & ISO 9706 from TÜV SÜD PSB
<b>Operating frequency</b>	13.56 MHz
<b>Maximum overall thickness</b>	0.4 mm / 0.018 inches
<b>Memory</b>	Between 0.5k - 2.5k bit
<b>IC write endurance</b>	100,000
<b>Data retention</b>	50 years
<b>Standard format</b>	Aluminium antenna
<b>Operating temperature</b>	-40 °C to 85°C / -40°F to 185 °F
<b>Storage temperature</b>	18 °C to 26 °C / 64,4 °F to 78,8 °F
<b>Storage humidity</b>	50 +/-10% rel. non condensing
<b>Material</b>	Low / Neutral pH Acrylic Adhesive All in one piece - paper, antenna & glue

Although we make every effort to ensure information is correct at the time of release, it is possible that specifications and features may vary or change over time. bibliotheca therefore makes no representations or warranties as to the completeness or accuracy of the information contained within this document.

 **bibliotheca**<sup>®</sup>  
transforming libraries