RFID Options

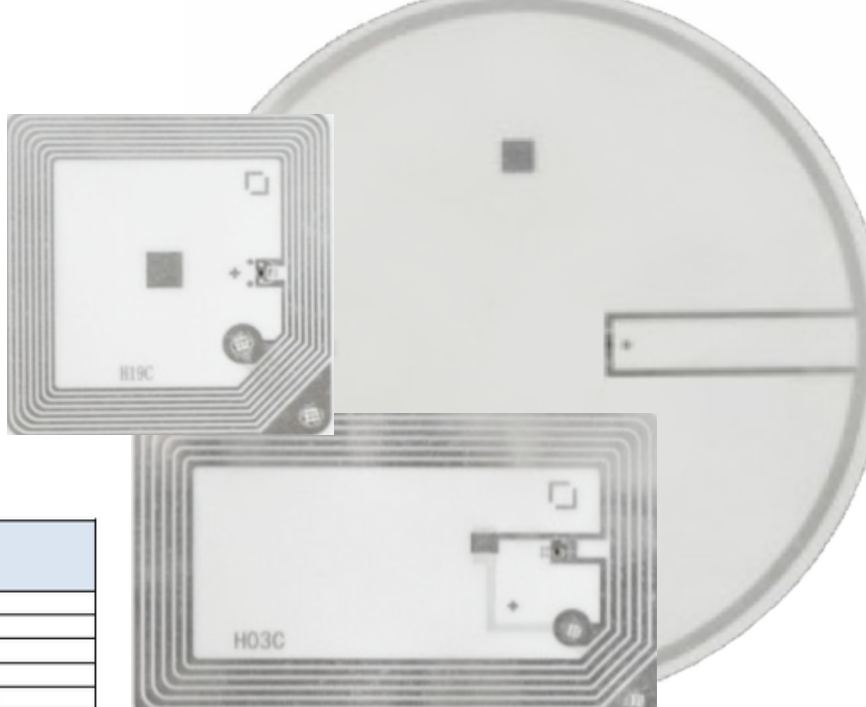## Tags, Staff RFID Station Software & Hardware

RFID Tags

Offering various sized RFID tags, all adhering to ISO standards, tags can be custom-ordered to meet most unique requirements. RFID tags are also fully compliant with most common library data models.

Label Specifications	
Type	I-Code SLIX (or better)
Protocol	ISO 15693 / ISO 18000-3.1
Date Model	ISO 28560-2
Operating Frequency	13.56 MHz
Adhesive	Permanent / Low acid or neutral pH
Memory	1024 bits
Data Retention	50 years
Write Endurance/Programming Cycles	100 000
Storage Temperature Range	-10°C - +60°C
Operating Temperature	-15°C - +65°C
Testing	Labels on every roll are tested and qualified before shipment. During production any faulty labels are replaced to ensure that all labels delivered are fully functional. Yield warranty 99% or better.

Square Tags - 50 X 50 mm (2" x 2"), white paper face

Rectangular Tags - 80 X 50 mm (3" x 2"), white paper face

Full Disc Tags - 115 mm min / 116 mm max diameter, transparent synthetic face

Ayla: Staff RFID Station Software & Hardware

The Ayla staff station consists of an RFID-reader and related control and conversion software. With these, the handling of RFID-tagged material and transmitting item identification information to and from a library management system is easy and straightforward. With the included conversion software it is easy to write item identification information to RFID tag memory.

There are two different RFID reader models to choose from. The tabletop model allows for flexible placement and it's power box can be mounted. The other under-mount reader model is installed under a staff station desk, where it is out of sight and doesn't take up any space on the table surface.

Our software and RFID readers communicate seamlessly with most library management systems. There should be no need to do any adjustments to the library system; Ayla will transmit the correct information from the RFID tags to the system, and define the security chip as activated or deactivated as required.

Convergent Library Technologies

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