

# PERFORMANCE TAG FOR LIBRARY AND MEDIA MANAGEMENT APPLICATIONS



## RFID HF TAG W01

WISERF is introducing the non-proprietary, high quality rewritable tags which help libraries increase efficiency and productivity while maintain security. By identifying materials electronically, this low-cost, 13.56MHz radio frequency identification (RFID) tag feature an advanced RFID IC chip and integrated circuit bonded. It is furnished with single-sided low acid adhesive sticker.

- Material management and security in a single tag
- Anti-conllision algorithm allows maximum and high speed of read ranges
- Programmable memory enable information to be changed and updated to comply with future tag data formats
- Contactless and passive transmission of data (no battery required)
- Security Features: Password protected Electronic Article Surveillance (EAS) and Application Family Identifier (AFI)
- Data Retention up to 50 years and write endurance of 100,000 cycles

## TECHNICAL SPECIFICATIONS

|                               |   |
|-------------------------------|---|
| Integrated Circuit (IC)       | NXP I-Code SLIX / SLIX2                             |
| IC's protocol/ anti-collision | ISO 15693-3, 18000, 18000-3 Mode 1                  |
| Operating frequency           | 13.56MHz  |
| Memory                        | 1,024 bit / 2,560 bits R/W ± EEPROM                 |
| Tag dimension                 | 50 x 50mm   |
| Tag thickness                 | 0.4~1mm   |
| Substrate material            | PET (Polyethylene Terephthalate)                    |
| Finishing                     | Single adhesive with white face paper / transparent |



## RFID HF CD Tag W04



### TECHNICAL SPECIFICATIONS

|              |  |
|--------------|--|
| Technology   | HF   |
| Standard     | ISO15693-3, ISO18000-3                         |
| Memory Size  | 1024 bits                                      |
| Antenna Size | 33mm   |
| Key feature  | Best performing CD and DVD product for library |

### Customized Printing of Ownership Label for W01



<sample>



<sample>

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