

# HF LIBRARY LABEL

## IDT 300



IDT 300 is an ISO 15693-compliant High Frequency (HF) tag that operates at a 13.56 MHz frequency. It has been created especially for applications in libraries where it is pasted on CDs. Transform library CD management with our CD-Type RFID Label powered by NXP ICODE® SLIX technology. The label is precisely engineered with an outer diameter of 40 mm and an inner diameter of 16 mm to fit CDs perfectly. This specialized RFID solution enhances inventory accuracy and enables fast, efficient check-in and check-out, ensuring streamlined operations and improved asset visibility in library environments.

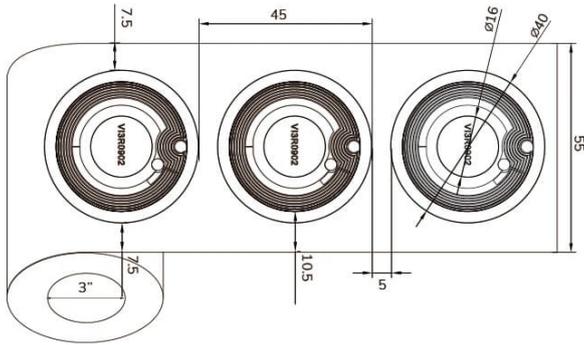
### PHYSICAL PARAMETER

<b>Dimension</b>	40mm dia
<b>Mounting</b>	Adhesive
<b>Material</b>	White Facestock Paper
<b>Data Retention</b>	50 Years
<b>IC Write Endurance</b>	100,000
<b>Labels Per Roll</b>	2000

### RF SPECIFICATION

<b>Protocol</b>	ISO/IEC 15693
<b>Operating Frequency</b>	13.56 MHz
<b>Read Range</b>	1.5m
<b>IC Type</b>	NXP ICODE SLIX
<b>Memory</b>	1024 bits

## DIMENSIONS



## ENVIRONMENTAL SPECIFICATIONS

**Operating Temperature** -25 °C to +50 °C

**Storage Temperature** -40 °C to +64 °C

**Shelf Life** 5 Years

## ORDER INFORMATION

**Part Number** IDT.RF.T.HF.LIB.300

## APPLICATION AREA



Library  
Management



Education



Jewelry



Drug  
Management



Retail



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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