HF – HF Ø 13.5 Label

The Perfect ID HF 13.5mm Label is a compact, high-frequency tag designed for applications requiring precision and reliability. With its circular form factor, it is ideal for use in compact spaces and is perfect for applications like asset tracking, library management, event ticketing, and secure access control. Engineered for robust performance, this tag ensures seamless data capture and durability, making it an efficient solution for modern identification and tracking needs.

Specifications

Size (Final Cut-out)	Ø13.5MM
Thickness (Over IC)	~ 300 µm
Thickness (Over Antenna) (Including Linear)	~ 190 µm

IC Code	NXP ICODE SLIX-2 SL2S2602 / NXP ICODE SLIX-L SL2S5002FUD
RF Protocol	ISO 15693
Thickness	120 µm ± 15 µm
User Memory Size	2560 bits user memory, organized in 80 blocks of 4 bytes each (last block reserved for counter feature)/ 512 bits, organized in 16 blocks of 4 bytes each, 4 blocks.
Antenna Size	Ø 12.0 mm
Antenna Material	Copper etched antenna
Cross over connection	Conductive Ink
Face stock material	White PP
Label adhesive	Rubber based adhesive
Liner	Release paper

Delivery Details

Delivery Format	Reel
Core size	OD ≤ 250mm; ID 76mm
Qty	2000 Units / Reel
Bad Units	Indicated with Black Circle Mark

Environmental Specifications

Operating Temperature	-20 to +70 °C
Storage Temperature	20°C to 25°C, 40-50% RH, 1 year
Operating Frequency	13.56 MHz

Product Drawing

wet Inlay | 12mm, NXP
ICODE Slix 2

Ø13,5

35±1.0mm

22.23±0.5mm

Ø13,5

Product Overview

White PP (Self Adhesive)
IC
Antenna
Rubber Base Adhesive
Release linear

Product Structure

Perfect id
a **Syrma SGS** company