

Our RFID Hub Labels are designed for all DVD and CD applications including: Library, Library System Integrators, and Vending Machines. Standard labels are coated with a permanent, acrylic-based adhesive. Optional constructions include frangible materials with aggressive silicone-resistant adhesives designed to deter theft and diversion. We guarantee the highest quality products for the lowest prices.

We offer custom solutions that fit the end customer's needs. Take a look at our various label options to find what is right for you:

- High-quality graphics are custom tailored to fit your library (Black and White or full color)
- Advanced encoding
- Custom Stocks Available
- Quick Turn
- 100% Defect-Free Rolls
- In Stock
- All RFID Book Labels are guaranteed for life!

Available Sizes and Types:

- 42mm diameter label (inner diameter of 19mm)
- Smartag X-Range
- Combination Labels (a 42mm hub label with a barcode label)

Systematic Application of RFID Technology



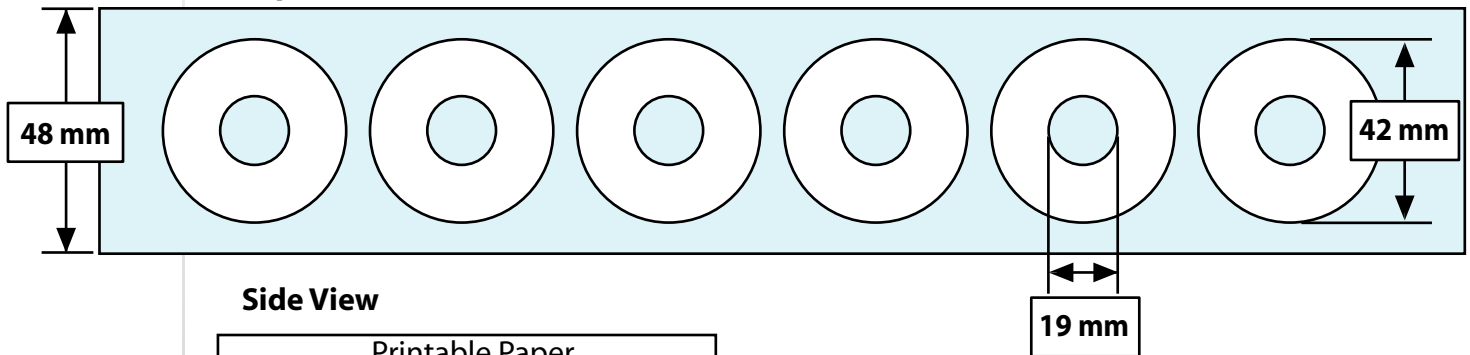
Description 42 mm Label

HF 13,56 MHz Tag
ISO 15693

Label Layout and Dimension

Label outer diameter	42 mm
Label inner diameter	19 mm
Lengthwise Pitch	app. 48 mm
Web width	48 mm

Top View



Side View

Printable Paper
Rubber-based Adhesive
Inlay
Acrylic Adhesive
1.5 mils PET Liner

Label Material

Component	Material	Features
Surface	printable paper	for water-based Flexo, UV Flexo, and UV Letterpress inks
Adhesive	rubber-based adhesive	
Inlay	Aluminium+PET+IC	Overall thickness of inlay with IC max 285µm
Adhesive	acrylic adhesive	adhesive thickness 25 µm peel adhesion paper/24h FTM 1 paper split
Liner	Polyester Liner	release liner thickness 1.5 mils



Electrical Characteristics

Integrated Circuit (IC)	NXP SLi or TI 2k
IC's protocol / anti collision	According to IC specification
Operating frequency	13,56 MHz
Data retention	> 10 years according to IC specification
Data transfer rate	According to IC specification
ESD voltage immunity (human body model)	+/- 2.0kV peak

Delivery Form

delivery form	1,500 pieces per roll
Core Type	Paper Core (inner diameter: 3 inch) (outer diameter: 300 mm)
Packaging	Rolls to be supported by corrugated flanges, poly bagged (with static proof bags), and carton packed

For more information on **RFID** Hub Labels, Contact Matt Moffett:

- on the web at matt.moffett@meyers.com
- or call 763-531-5713

