

Folio™ HF Tags



TAGSYS' low cost, ultra-thin, flexible high-frequency (HF) RFID inlays and labels are designed to meet a wide range of application requirements. Folio™ tags are available as converted labels or inlays.

OPTIMIZED DESIGN

The Folio product line has been designed for optimal performance in a variety of environments. Whether the product to be tagged is paper or plastic, there is a Folio product to meet your application requirements.

MULTIPLE LABEL AND INLAY FORMAT

For maximum flexibility the Folio product line is offered in both pressure-sensitive adhesive labels and non-converted inlay formats. TAGSYS pressure-sensitive adhesive labels are printable and can be used directly within customer applications. Non-converted inlays are designed to be integrated into specialty labels such as books, periodicals, and pharmaceutical bottle labels.

LABEL GUARANTEE

TAGSYS guarantees that each Folio label on every roll has been tested and qualified. End users are assured that the labels they receive are fully functional and application ready.

TAGSYS designs and manufactures a comprehensive multi-band RFID infrastructure for item-level tracking in a variety of industries. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly in the most demanding environments. TAGSYS products automate labor-intensive processes, authenticates and safeguards goods, and enables real-time inventory and asset visibility.

With a proven track record of delivering reliable, high performance production systems, TAGSYS has deployed over 200 million tags and 90,000 reader systems to over 500 customers in more than 40 countries.

TAGSYS RFID solutions are currently deployed in a range of highly specialized vertical markets that include: Libraries, Textile Services, Pharmaceutical, and Fashion/Apparel.

The company is headquartered in Massachusetts with offices and R&D Centers in France and in Hong Kong.





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FOLIO™ 370-F3

- Specifically optimized for use in paper materials such as books and magazines
- Chips Available: SLI
- Formats Available: Dry Inlay, Fully Converted Labels (with paper or transparent overlay)

Dimensions

Inlay Size	47mm x 47mm inlay (1.85in x 1.85in inlay)
Label Size	53 x 50 +/- 0.5mm (2.09 x 1.97 +/- 0.02in)
Overall Label Thickness	300 µm (450 µm over chip)
Base Material	Aluminum



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FOLIO™ 370/370SY - LI

- Industry standard form factor
- Highest performing flexible tag available
- Specifically optimized for use in paper materials such as books and magazines
- Chips Available: SLI, SLI-SY
- Formats Available: Dry Inlay, Fully Converted Labels (with paper)

Dimensions

Size	48mm x 80mm inlay (1.89in x 3.15in inlay)
Label Size	54mm x 86mm +/- 0.2mm (2.12in x 3.38in +/- 0.007in)
Overall Label Thickness	300 µm (450 µm overchip)
Base Material	Aluminum

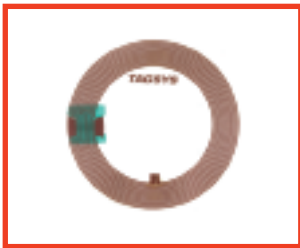


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FOLIO™ 370-CD

- Form factor ideal for tagging media such as CDs and DVDs
- Chips Available: I-Code, SLI, SLI-L
- Formats Available: Dry Inlay, Fully Converted Labels (with paper or transparent overlay)

Dimensions

Size	36mm (1.41in) diameter inlay
Label Size	40mm +/- 0.5mm diameter
Overall Label Thickness	250 µm (430 µm over chip)
Base Material	Copper

Folio HF Tag Family Product Specifications

Electrical	<ul style="list-style-type: none"> • Carrier Frequency: 13.56MHz • Operation Mode: Passive (battery-less transponder)
Operating Temperature	• -25° to 70° C (-13° to 158° F)
Storage Temperature	• -40° to 85° C (-40° to 185° F), 40 - 60% RH, max 1 year

IC Specifications

Operating Protocol	• ISO 15693, ISO 18000-3-1
Memory	<ul style="list-style-type: none"> • 370-F3/370-LI/370-CD: 896 user bits; 64 UID bits • 370L: 256 user bits; 370S/SY: 1280 UID bits; 370L/S/SY: 64 UID bits • Read/Write, Lockable • 32 bit PRIVACY password

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TAGSYS RFID™
e-connecting goods

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