

Folio™ FM HF Tags



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.

TAGSYS' low cost, ultra-thin, flexible high-frequency (HF) RFID tags are designed to meet a wide range of application requirements. The Folio™ 370 / 370-S / 440-FM inlay tags have been tested and qualified and is backed by TAGSYS' quality guarantee.

OPTIMIZED DESIGN

From IC to antenna to final tag design, the Folio FM tags have been designed for optimal performance in a variety of environments. Whether the final product to be tagged is paper or plastic, these Folio inlays will meet your application requirements.

INLAY FORMAT

For maximum flexibility the Folio tags are offered as non-converted inlays. These non-converted inlays are designed to be integrated into specialty labels such as books, periodicals, VCR tapes, and pharmaceutical bottle labels.

LABEL GUARANTEE

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



FOLIO™ 370-FM / 370S-FM / 440-FM

- Ultra-thin, flexible RFID inlay
- Small form factor designed for item-level packaging
- Specifically optimized for use in labels on plastic packaging such as pharmaceutical bottles
- Formats Available: Dry Inlay, Fully Converted Labels (with paper)

Dimensions

Inlay Size	30mm x 16mm (1.18 x 0.63in) inlay
Overall Label Thickness	Up to 450 µm
Base Material	PET, copper or aluminum antenna

Folio 370-FM / 370S-FM 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
Operating Protocol	ISO 15693, ISO 18000-3-1
Memory	<ul style="list-style-type: none"> • 896 user bits (370) • 1280 user bits (370S) • 64 UID bits • Read/Write, Lockable
Additional Features	EAS & AFI identifiers

Folio 440-FM 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
Operating Protocol	EPCglobal HF Class 1 RFID
Memory	<ul style="list-style-type: none"> • 96 user bits • 40 UID bits • Read Many/Write Once

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