

CUSTOM RFID TAG SOLUTIONS

MARKING PRODUCTS FROM THE LEADER IN LABELING, GRAPHICS & IDENTIFICATION



CALL 866-669-7590

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WILLIAM
FRICKTM
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Innovations in Identification
www.fricknet.com

Introducing the SmartMark™ series

With the widest selection of custom-built RFID tags and labels available anywhere, William Frick & Co. is a leader in Radio Frequency Identification. The SmartMark™ system offers dozens of custom designs and constructions and can help you solve your most challenging RFID problems. Our experts have a proven track record in multiple industries and pilot programs and can help you design, test, and implement a solution that is right for you!



Metal Mount, Harsh Environment, and Durable Tags and Labels

The SmartMark™ series includes fully tested tags designed for RFID's most difficult applications. Leveraging our 34 years experience in harsh environment labeling, our RFID tags provide superior reliability and survivability. Whether you need to track metal parts, components in chemical baths, or injection molded plastics, our rugged tags deliver reliable performance.

Custom Designs for Unique Applications

Thirty-four years of experience building products for manufacturing and utility industries has taught us all about harsh environments, long-term outdoor applications and unique designs. We select the right encapsulations, materials and partner with inlay makers like **Alien**, **Avery**, **UPM Raflatrac**, **TROI**, or use our own patent-pending proprietary inlays to design the perfect tag for the job.

Short Runs and Quick Turn Around Times

Our friendly responsive RFID experts are ready to help you take your project from prototype to production. Call us today at **(847) 918-3700** and let us help you make your RFID project successful.

RFID Encoding, Custom Barcode and Branding Services

- Our tags can be custom made to match your system's data. Tags are available with your logo and message.
- We provide encoding services for your RFID tags
- Add custom barcode information
- Put your logo and branding message on your RFID tag

Please Note: The following product designs reflect basic constructions. **Other inlays, frequencies, and materials are always available.** Sizes and form factors are frequently customizable as well.

Warehouse and Utilities Tags



- Add your logo and branding message to these tags -

CLEAR VIEW RUGGED TAG

Long range read tags perfect for marking carts and other mobile objects. The clear encapsulation supports both barcode and RFID readers while protecting the inlay from the environment.

Works on metal surfaces

Barcode / RFID compatible

Approx. Read Range: 15 feet

Size: 4" x 1.25" x 0.5"



FOAM BACKED METAL MOUNT TAG

Long read RFID tags made for mounting on metal to track fleet trucks, tractors, racks, or pallets. Can also be mounted directly inside a window or windshield.

Special adhesive backing for metals

Approx. Read range: 20'/3" on metal

Size: 4" x 1.375" x 0.1875"



SNAP-AROUND TAG

Snap this RFID tag around metal pipes, poles, or any tubular surface. Install and remove in seconds, perfect for reusability.

Readable on metal

Mark cable runs, carts or pipelines

Size: 7"



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Hang Tags and Badges



LAMINATED HANG TAG

These specially laminated hang tags survive harsh environments similar to much more expensive RFID tags. Attachable by wires or special adhesives. The inlays are protected from chemicals and solvents. Approx. Read range: 12' Size: 3.25" x 4.25"



I.D. BADGES AND CARDS

Versatile and durable, this tag can be used for everything from a personal ID badge to a luggage or product tag. Durable PVC material can accommodate a variety of inlays. Fully printable and barcode ready. Approx. Read Range: Up to 8' Size: 4.25" x 2.125"

Metal Mount and Specialty Tags



RETAIL AND JEWELRY TAG

Small cost-effective disposable tags for tracking high-value items in retail. Will work with metal assets as well.

Unique construction will handle liquid containers

3D designs available for versatile read angles

Approx. Read range: up to 5'

Size: 4.25" x 1.25"

SMALL METAL MOUNT TAG

Size matters! Long read range, small footprint, metal mountable RFID tag.

Special adhesive backing for metals

High temperature performance

Approx. Read range: up to 8'

Size: 1.5" x 1" x 0.3"



EXTRA SMALL METAL MOUNT TAG

High performance in an extra small footprint RFID tag.

Metal mountable and long-read range make these the perfect choice to label cabinets, carriers, or computers.

Approx. Read range: up to 9'

Size: 0.99" x 0.35" x 0.12" or 0.63" x 0.47" x 0.17"

CUSTOM LASER ETCHED TAG

"The toughest tag available", these tags are perfect for tracking assets exposed to harsh chemicals. Use these tags for tracking engine and industrial machinery parts.

Versatile attachment configurations

Human readable, barcode, and RFID information

Approx. Read range: up to 12'

Size: 5"x3"x0.25"



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Oil / Gas and Embeddable Tags



PIPE WRAPAROUND TAG

Integrated rubber loop for easy attachment to pipes and other round/cylindrical assets. Works well with metals and other high-interference environments.

Impact and chemical/solvent resistant

Metal mountable

Perfect for Oil/Gas Pipelines

Approx. Read range: 20'/8' on metal

Size: 5.5" x 0.75" x 0.5"



IMPACT RESISTANT TAG

Metal mountable tag can survive blows by a sledgehammer. Directly embedded in rubber, this tag offers excellent read ranges and survivability.

Track metal bins, WIP situations, pipes, or warehouse situations

Approx. Read range: up to 30'

Size: 7.6" x 0.81" x 0.69"

EMBEDDABLE WIRE TAG

A versatile best seller. Patent pending design allows these RFID tags to endure larger temperature ranges than standard inlays.

Embeddable in concrete, wood, plastics

360 degree read profile

Approx. Read Range: up to 25', variable per encapsulation

Size: 4.5" x 0.125"





MULTI-PURPOSE POLE TAG

Designed to track large outdoor assets like poles, boundary markers, towers, and posts, your information is stored in 3 formats: human readable, barcode, and RFID.

Perfect for companies transitioning from to RFID solutions.

Weather-resistant encased tags

Approx. Read range: up to 30'

Size: 12" x 1.7" x 0.125"

RFID FLOOR TAG

This thin-layer yet durable tag is perfect for floors, walls, and other flat objects. Tough enough to drive over with a forklift, these tags mark location to eliminate errors.

Thin non-obstructive tag

Aggressive 3M permanent adhesive

Size: 4" x 6"



HIGH TEMPERATURE TAG

Wire inlay designs perform superior to standard inlays in high temperature applications. Encapsulated in different materials for extreme survivability and reliability.

Survives up to 650F heat

360 degree read profile

Approx. Read Range: 20 ft

Size: 6" x 0.25" x 0.25"



ZIP TIE TAG (CABLE TIE TAG)

Bendable, flexible RFID tag built for easy installation around cylindrical surfaces.

Metal mountable

Harsh environment

Approx. Read range: 12' / 4' on metal

Size: 5.5" x 0.25" x 0.25"





Harsh Environment

The RFID Tag and Marking Experts

Your one-stop shop for RFID Tags. While others carry a few products, we have produced hundreds of RFID solutions for a variety of industries. Our RFID experts have created tags for:

- Warehouses, Data Centers
- Outdoor Containers
- Food and Retail
- Manufacturing, Supply Chain
- Aerospace, Airline Industry
- Healthcare, Pharmaceuticals
- Utilities, Oil & Gas, Telecom



Custom Inlays and Attachments

Call us today for a free consultation.

At William Frick, you always get *exactly* what your application needs.

William Frick & Co. has been a leader in marking, labeling, and asset tagging for 34 years. Headquartered in Libertyville, IL in our **ISO 9001:2008** certified manufacturing facility, we have the resources to create your custom solution quickly.



Short Runs and Prototypes

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