

RFID Wristbands



If you're handling a concert or other event with lines of people awaiting access, use RFID wristbands to quickly and efficiently manage crowd entry. The wristbands feature an RFID inlay to grant access with ease. More effective and time-saving than traditional ticket systems, each wristband features a secure snap that prevents easy removal. Using RFID wristbands gives you all-access to successful event management.

Bring company logos or advertising messages to life with full-color images that are photographic-like in quality while tracking access to or movement around a specific locale. As good as these wristbands look – they perform even better. Made from a variety of durable, permanent materials, the actual construction of the tag protects the tag by sealing it within the layers of durable material. In addition, each tag can be programmed to match the variable information printed on the label.

Key Market Features

- Stunning graphics! Our digital printing process ensures crisp details on even the most complex logos for maximum clarity
- Durable permanent materials, no paper layers
- Thinner profile, not bulky as thicker options commonly used
- 100% data verification
- Both HF and UHF options available
- Secure snaps prevent easy removal

Not sure what product you need?

Call our trained Experts
800-437-5283



3360 9th Street SW
Mason City, IA 50401
www.idplate.com
E-mail: metalcraft@idplate.com



RFID Wristband Product Construction

Construction: Specialized RFID inlay encapsulated in .009” polypropylene material; designed for the comfort of the wearer.

Label Copy: The label copy may include block type, stylized type, logos or other designs.

Colors: Standard colors include black, red, yellow, green and blue. Due to contrast needed for the bar code scanner, all bar codes are black.

Serialization: Bar code and human-readable equivalent is produced using the latest high-resolution digital technology available, which provides excellent clarity and easy scanning.

Programming: The bar code and human-readable can be programmed into the RFID inlay as long as the information is in decimal or hexadecimal format. The programmed information can be locked, which prevents the RFID inlay from being rewritten. Metalcraft can encode

up to 24 characters into the RFID inlay. If desired, Metalcraft can encode information that differs from the bar code and human readable.

Frequency Range: UHF = 860-960 MHz;
HF = 13.56 MHz

Standard Size: 15 3/4” x 1 1/2”

Shipment: Approximately 25 work days depending on order quantity and inlay availability

To Order: Call **1-800-437-5283** and ask for an ID Specialist

Test Description

Exposure tests were performed on surface-printed RFID wristbands. These tests included exposure to chemicals/products normally in contact with wristbands at outdoor events and waterparks.

Results

Test 1: Full sample submersion

	(0) Chlorine Water	(1) Saline Pool Water	(2) Tap Water	(3) Insect Repellent	(4) Sun Screen	(5) Hand Lotion	(6) Hand Soap
Inlay Survived/Readable	4+ days	4+ days	4+ days	4+ days	4+ days	4+ days	4+ days
Print Condition	4+ days	4+ days	4+ days	Slight fading and image rubs off easily at 4+ hours submerged	4+ days	4+ days	4+ days

Test 2: Light application + UV exposure

	(0) Chlorine Water	(1) Saline Pool Water	(2) Tap Water	(3) Insect Repellent	(4) Sun Screen	(5) Hand Lotion	(6) Hand Soap	(7) Control (QUV only)
Inlay Survived/Readable	24+ hours	24+ hours	24+ hours	24+ hours	24+ hours	24+ hours	24+ hours	4+ days
Print Condition	24+ hours	24+ hours	24+ hours	24+ hours	24+ hours	24+ hours	24+ hours	4+ days

Conclusion:

These wristbands are recommended for outdoor event passes and/or waterpark passes where exposure to UV and water, as well as other skin products tested, is expected.