

025-7401-818

RFID Wristbands



Protection - Control - Identification - Tracking - RFID solutions - www.leghorngroup.com



SILICONE BRACELET – 125 KHz or 13.56 MHz or 840-960 MHz

025-7401-818



- Thick band silicone bracelet.
- Waterproof, moisture-proof, anti-shock and high temperature resistant.
- Circular band is non-allergic, flexible, easy to wear and to use.
- Comfortable, durable, reusable.

Chip Type:	LF (125 KHz): EM4200, TK4001, T5577, EM4305, Hitag1, Hitag2, Hitag S256.	
	HF(13.56 MHz): – ISO14443A: MIFARE Classic®, MIFARE® DESFire®, MIFARE Plus®, MIFARE Ultralight®, Fudan FM11RF08.	
	– ISO18092: NTAG® 213, NTAG® 215, NTAG® 216, Topaz512.	
	– ISO15693: NXP ICODE® SLIX, TI Tag it HF-I, ST LRI.	
UHF (840-960MHz):	Alien Higgs, Monza 3, Monza 4D, Monza 4QT, Monza R6, Monza R6-P, Impinj M730, Impinj M750.	
Mechanical:	Material	100% Silicone and embedded coin RFID tag
	Diameter	53 / 59 mm or 60 / 65mm
	Weight	Approx 12 g
	Marking	– Laser Engrave – Silk Screen Printing
Electrical:	Colour	Red, Yellow, Blue, Green, Orange, Black, Pink
	Operating frequency	125 KHz; 13.56 MHz; 840-960 MHz
	Operating mode	Passive (battery-less transponder)
	Reading Distance	1 cm to 4 cm
Ingress Protection Rating:		IP68
Thermal:	Storage Temperature	- 25°C to +140°C
	Operating Temperature	- 30°C to +80°C

APPLICATION



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CASHLESS PAYMENTS



PERSONALISED USER EXPERIENCE



SILICONE BRACELET – 125 KHz or 13.56 MHz or 840-960 MHz

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UHF (840-960MHz):	Alien Higgs, Monza 3, Monza 4D, Monza 4QT, Monza R6, Monza R6-P, Impinj M730, Impinj M750.	
Mechanical:	Material	100% Silicone and embedded coin RFID tag
	Circumference	167 / 184 / 195 / 228 mm
	Weight	Approx 14 g
	Marking	– Laser Engrave – Silk Screen Printing
	Colour	Red, Yellow, Blue, Green, Orange, Black, Pink
Electrical:	Operating frequency	125 KHz; 13.56 MHz; 840-960 MHz
	Operating mode	Passive (battery-less transponder)
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PERSONALISED USER EXPERIENCE



SILICONE WRISTBAND – 125 KHz or 13.56 MHz or 840-960 MHz



- New design, sleek and adjustable silicone wristband with RFID chip technology.
- Waterproof, moisture-proof, anti-shock and high temperature resistant.
- Band is non-allergic, flexible, easy to wear and to use.
- Comfortable, durable, reusable.
- Ideal for fitness centres, events, security/access control and general ticketing.

Chip Type:	LF (125 KHz): TK4100, EM4200, EM4305, EM4450, EM4469, T5577, HID HF(13.56 MHz): – ISO14443A: MIFARE Classic®, MIFARE® DESFire®, MIFARE Plus®, MIFARE Ultralight®, Fudan FM11RF08. – ISO18092: NTAG® 213, NTAG® 215, NTAG® 216, Topaz512. – ISO15693: NXP ICODE® SLIX, TI Tag it HF-I, ST LRI. UHF (840-960MHz): Alien Higgs, Monza 3, Monza 4D, Monza 4QT, Monza R6, Monza R6-P, Impinj M730, Impinj M750.	
	Mechanical:	
	Material	100% Silicone and embedded coin RFID tag
	Dimensions	240 * 17 * 3 mm
Electrical:	Weight	Approx 15 g
	Marking	– Laser Engrave – Silk Screen Printing
	Colour	Red, Yellow, Blue, Green, Orange, Black, Pink
	Operating frequency	125 KHz; 13.56 MHz; 840-960 MHz
Ingress Protection Rating:	Operating mode	Passive (battery-less transponder)
	Reading Distance	1 cm to 4 cm
Thermal:	IP68	
	Storage Temperature	- 25°C to +140°C
	Operating Temperature	- 30°C to +80°C

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PERSONALISED USER EXPERIENCE

RFID Tyvek® WRISTBAND – 13.56 MHz or 840-960MHz

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- Tyvek® one-way wristband. The transponder is embedded on the backside of the band.
- Features a pull-off tab with matching serial number.
- Strong adhesive closure and unique tamper cuts cause wristbands to shred if tampered with.
- Waterproof, durable and intensely tough.
- Economical, comfortable, disposable.

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PERSONALISED USER EXPERIENCE

Chip Type:	HF(13.56 MHz): – ISO14443A: MIFARE Classic®, MIFARE® DESFire®, MIFARE Plus®, MIFARE Ultralight®, Fudan FM11RF08. – ISO18092: NTAG® 213, NTAG® 215, NTAG® 216, Topaz512. – ISO15693: NXP ICODE® SLIX, TI Tag it HF-I, ST LRI. UHF (840-960MHz): Alien Higgs, Monza 3, Monza 4D, Monza 4QT, Monza R6, Monza R6-P, Impinj M730, Impinj M750.	
	Mechanical:	
	Material	TYVEK® – Buckle: Adhesive
	Dimensions	250x19 mm, 250x25 mm
Electrical:	Weight	0.002g / piece
	Marking	Silk Screen Printing – CMYK Printing
	Colour	Vibrant, solid stock color for superb visibility and identification, or customized printing
	Operating frequency	13.56 MHz; 840-960 MHz
Ingress Protection Rating:	Operating mode	Passive (battery-less transponder)
	Reading Distance	1 cm to 4 cm
	Storage Temperature	- 25°C to +140°C
Thermal:	Operating Temperature	- 30°C to +80°C

RFID PAPER WRISTBAND – 13.56 MHz or 840-960MHz



- **Waterproof, anti-moisture, and temperature resistant.**
- **Easy to wear and to use. Smooth edge.**
- **Good strength after closure.**
- **Disposable, one time use (security closure).**

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CASHLESS PAYMENTS



PERSONALISED USER EXPERIENCE

Chip Type:	HF(13.56 MHz): – ISO14443A: MIFARE Classic®, MIFARE® DESFire®, MIFARE Plus®, MIFARE Ultralight®, Fudan FM11RF08. – ISO18092: NTAG® 213, NTAG® 215, NTAG® 216, Topaz512. – ISO15693: NXP ICODE® SLIX, TI Tag it HF-I, ST LRI. UHF (840-960MHz): Alien Higgs, Monza 3, Monza 4D, Monza 4QT, Monza R6, Monza R6-P, Impinj M730, Impinj M750.	
	Mechanical:	
	Material	White high-tech paper – Buckle: Disposable plastic
	Dimensions	291.5*34.1 mm
	Weight	0.004g / piece
	Marking	Silk Screen Printing – CMYK Full Color Printing
	Colour	Vibrant, solid stock color for superb visibility and identification, or customized printing
	Electrical:	
	Operating frequency	13.56 MHz; 840-960 MHz
	Operating mode	Passive (battery-less transponder)
	Reading Distance	1 cm to 4 cm
	Ingress Protection Rating:	IP68
	Thermal:	
	Storage Temperature	- 25°C to +140°C
	Operating Temperature	- 30°C to +80°C



Long Range RFID UHF SILICONE WRISTBAND 840-960MHz



- **Passive Long Range RFID UHF Silicone Wristband,**
- **Waterproof, anti-moisture, anti-shock and temperature resistant.**
- **Easy to wear and to use.**
- **Reusable.**
- **The reading range could up to 5-6 meters even if worn on human wrist. Due to the good performance, its use is for high-end market.**

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PERSONALISED USER EXPERIENCE

Chip Type:		UHF (840-960MHz): Alien Higgs3, Monza 4QT, Monza R6, Monza R6-P, Impinj M730, Impinj M750, UCODE® 7, UCODE® 8.
Mechanical:	Material	100% high quality silicone and embedded RFID tag
	Dimensions	250 * 19 mm
	Weight	31 g / piece
	Marking	Silk Screen Printing – Laser engraving
	Colour	Red, Yellow, Blue, Green, Orange, Black, Pink
Electrical:	Operating frequency	UHF 890~960MHz, FCC, ETSI - EPC C1, Gen2
	Operating mode	Passive (battery-less transponder)
	Reading Distance	Max 6 meters
Ingress Protection Rating:		IP68
Thermal:	Storage Temperature	- 25°C to +140°C
	Operating Temperature	- 30°C to +80°C



Sustainable RFID WRISTBAND – 125 KHz or 13.56 MHz or 840-960 MHz



- Wood, bamboo and fabrics: sustainable, very durable materials that protects RFID chips for a new, eco-friendly RFID wristband. The eco-friendly alternative that help reducing the amount of plastics.

APPLICATION

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PERSONALISED USER EXPERIENCE

Chip Type:	LF (125 KHz): TK4100, EM4200, EM4305, EM4450, EM4469, T5577, HID HF(13.56 MHz): – ISO14443A: MIFARE Classic®, MIFARE® DESFire®, MIFARE Plus®, MIFARE Ultralight®, Fudan FM11RF08. – ISO18092: NTAG® 213, NTAG® 215, NTAG® 216, Topaz512. – ISO15693: NXP ICODE® SLIX, TI Tag it HF-I, ST LRI. UHF (840-960MHz): Alien Higgs, Monza 3, Monza 4D, Monza 4QT, Monza R6, Monza R6-P, Impinj M730, Impinj M750.	
	Mechanical:	Material Wristband Material: Fabric (Polyester, Nylon, Ribbon as optional) Eco Wood Slider Eco Bamboo Barrel Lock
	Dimensions	Eco Wood Slider Size: 35x24 mm , 42x26 mm Eco Band Size: 350x15 mm
	Weight	Approx 10 g / piece
	Marking	Laser – Silk Screen Printing – Both Side Epoxy Filling
Electrical:	Operating frequency	125 KHz; 13.56 MHz; 840-960 MHz
	Operating mode	Passive (battery-less transponder)
	Reading Distance	1 cm to 4 cm
Ingress Protection Rating:		IP68
Thermal:	Storage Temperature	- 25°C to +140°C
	Operating Temperature	- 30°C to +80°C





Packing details 1/2

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Article	Picture	MOQ	Package
LF / HF / UHF Silicone Bracelet		500 PCS	100 pcs per box 500 pcs per carton
LF / HF / UHF Silicone Bracelet		500 PCS	100 pcs per box 500 pcs per carton
LF / HF / UHF Silicone Wristband		500 PCS	100 pcs per box 500 pcs per carton
HF / UHF Tyvek® Wristband		5000 PCS	1000 pcs per bag 5000 pcs per carton

Packing details 2/2

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Article	Picture	MOQ	Package
HF / UHF High-tech paper Wristband		5000 PCS	100 pcs per bag 1000 pcs per carton
UHF Silicone Wristband		500 PCS	100 pcs per box 500 pcs per carton
LF / HF / UHF Eco-band		500 PCS	100 pcs per box 500 pcs per carton






Why RFID wristbands?

An RFID wristband is a smart, contactless wearable embedded with a Radio Frequency Identification (RFID) chip. This advanced wireless technology allows it to securely store and transmit data with a simple tap, providing convenience and security for both users and businesses.

RFID wristbands are widely used across various industries, including event management, access control, healthcare, and hospitality, offering seamless, hands-free experiences.



Field of action of LeghornGroup

-  **PROTECTION:** We can protect your goods and assets with security seals and various products for tamper protection. The company can create bespoke, technical solutions to meet client's requirements.
-  **CONTROL:** We ensure goods and people can be monitored using security products and integrated complete hardware and software solutions that allow the operator to monitor and intervene in real time, even remotely.
-  **IDENTIFICATION:** LeghornGroup's understanding of authentication along with their innovative technical products and solutions allow users to uniquely and securely identify, goods, vehicles, containers, animals and people.
-  **TRACKING:** LeghornGroup's real time GPS tracking devices allow users to monitor location, status and movements of vehicles and people.
-  **RFID SOLUTIONS:** LeghornGroup also manufactures solutions for product authenticity; automatic identification systems using RFID to aid traceability of objects, animals and people, offering new and efficient operations to speed up the supply chain.

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