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RFID Labels and Tags

Maximize your RFID solutions



- Various applications
- Real-time visibility

Maximize your RFID solutions

RFID Labels and Tags

There are several elements to consider when selecting RFID labels and tags. However, the following 2 factors are the most important:

- Inlay size: the bigger RFID inlay provides you longer read distance.
- Material and environment: The material of the subject matter will also affect the selection of RFID label and tag, such as metal materials must use anti-metal label or tag. In addition, the labels or tags position and item stacking method will also affect the operating efficiency of the entire RFID solution.

Unitech provide RFID label & tags solutions for user's options.

The Unitech RFID Labels & Tags delivers a host of different features that evolves the service level for a variety of vertical applications such as cartons and pallets in warehousing solutions, RFID garment tags in clothing industry, food and beverage temperature control on goods transportation, asset tracking in manufacturing, blood samples tracking, and vaccine temperatures monitoring in healthcare.



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URP1000

UHF RFID Printable Label

Feature

- Easy printable on the label by RFID printer (Zebra and TSC)
- Small size label : 50 * 50 mm
- Compliant with international standards ISO 18000-6C
- Operates at a Frequency of 865 ~ 928 MHz
- Reprogrammable Memory is 496 bits (EPC), 128 bits (User)
- IC Type (chip) is Impinj Monza 4E
- Operating Temp : -40°C ~ 85°C

Applications

- Logistics involving carton packaging
- Warehouse pallet
- Assets tracking applications



URP1010

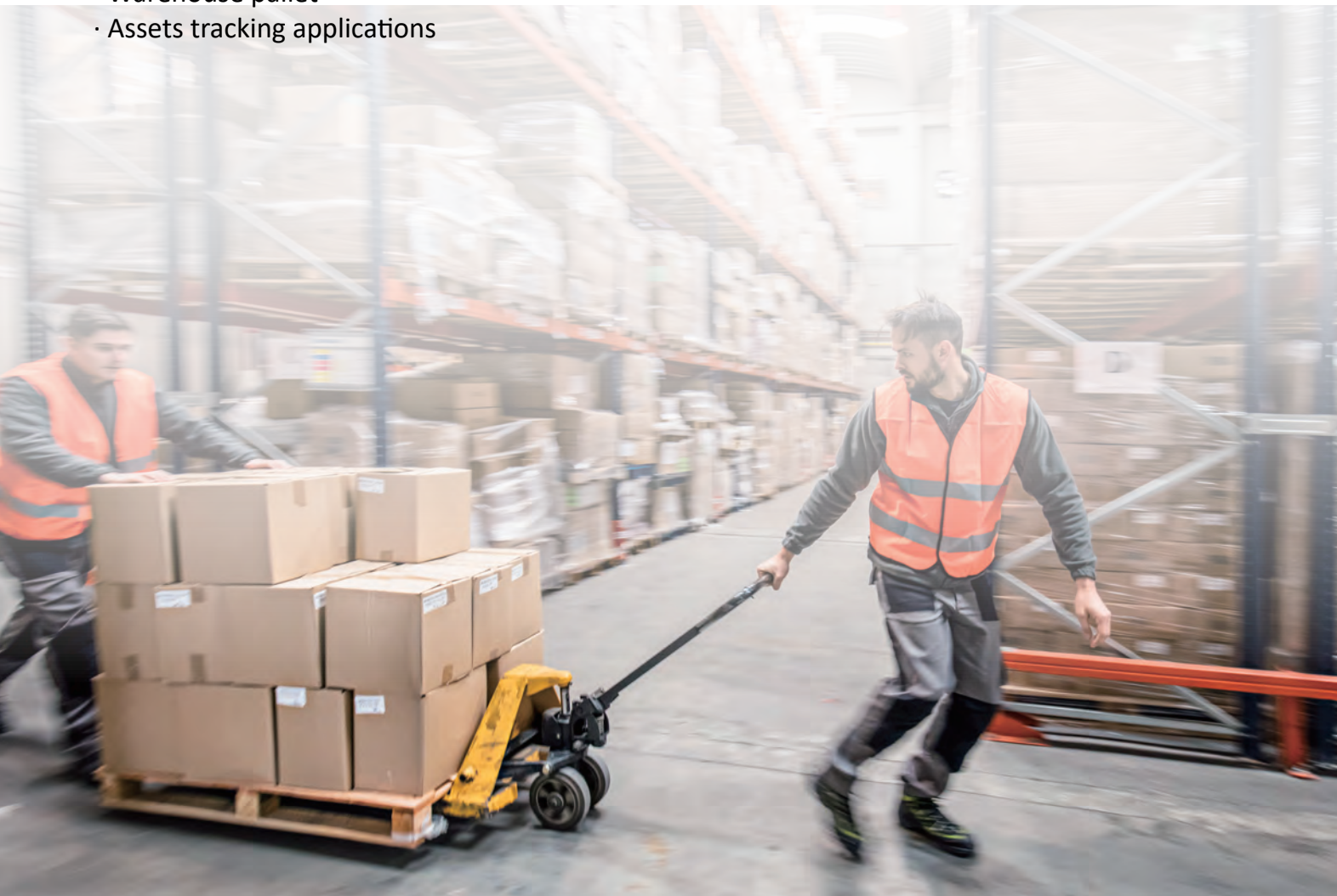
UHF RFID Printable Label

Feature

- Easy printable on the label by RFID printer (Zebra and TSC)
- Small size label : 60 * 25 mm
- Compliant with international standards ISO 18000-6C
- Operates at a Frequency of 865 ~ 928 MHz
- Reprogrammable Memory is 96 bits (EPC)
- IC Type (chip) is Impinj Monza R6
- Operating Temp : -35°C ~ 85°C

Applications

- Metal objects

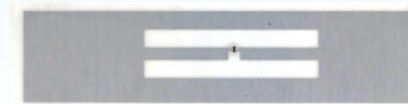


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URP1020

UHF RFID Printable Label



Feature

- Easy printable on the label by RFID printer (Zebra and TSC)
- Small size label : 70 * 20 mm
- Compliant with international standards ISO 18000-6C
- Operates at a Frequency of 865 ~ 928 MHz
- Reprogrammable Memory is 128 bits (EPC), 32 bits (User)
- IC Type (chip) is Impinj Monza R6-P
- Operating Temp : 0°C ~ 75°C

Applications

- Liquid items such as liquid packaging, blood plasma bags, infusion bags, chemical reagents, etc.

URP1030

UHF RFID Printable Label



Feature

- Passive (battery-free) sensor electronic tag that provides real-time temperature sensing
- Small size label : 98 * 24 mm
- Compliant with international standards ISO 18000-6C
- Operates at a Frequency of 865 ~ 928 MHz
- Reprogrammable Memory is 192 bits (EPC), 512 bits (User)
- IC Type (chip) is NMV2D CAB0
- Operating Temp : -40°C ~ 85°C (+0.5°C)

Applications

- Suitable for supply chain, Cold Chain Logistics and Temperature Control Containers etc.

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URT2000

UHF RFID Tag



Feature

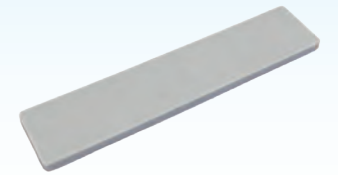
- Anti-metal tag, could be pasted on metal tools for assets or production equipment management
- Tag can be torn off and be reuse
- UHF RFID label : 70 * 20 * 3.8 mm
- Compliant with international standards ISO 18000-6C
- Frequency of 865 ~ 868MHz / 902 ~ 928MHz
- Reprogrammable Memory is 96 bits (EPC), 512 bits (User)
- IC Type (chip) is Alien H3
- Operating Temp : -50°C ~ 85°C

Applications

- Suitable for supply chain, Cold Chain Logistics and Temperature Control Containers etc.

URT2010

UHF RFID Tag



Feature

- Washable tag, can be washed over 200 times
- Tag can be torn off and be reuse
- UHF RFID label : 56 * 12 * 1.8 mm
- Compliant with international standards ISO 18000-6C
- Frequency of 865 ~ 868MHz / 902 ~ 928MHz
- Reprogrammable Memory is 96 bits (EPC)
- IC Type (chip) is Impinj Monza 3
- Wet Clean : 85°C (Up to 60 mins)
120°C (Up to 60 mins)
200°C (Up to 30 secs)

Applications

- Suitable for garment and special laundry (industrial grade laundry)



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URL3000

UHF RFID Label

Feature

- UHF RFID Label : 230 x 5 mm
- Compliant with international standards ISO 18000-6C
- Frequency of 865 ~928MHz
- Reprogrammable Memory is 496 bits (EPC), 128 bits (User)
- IC Type (chip) is Impinj Monza 4E
- Operating Temp. : -40°C ~ 85°C



URL3010

UHF RFID Label

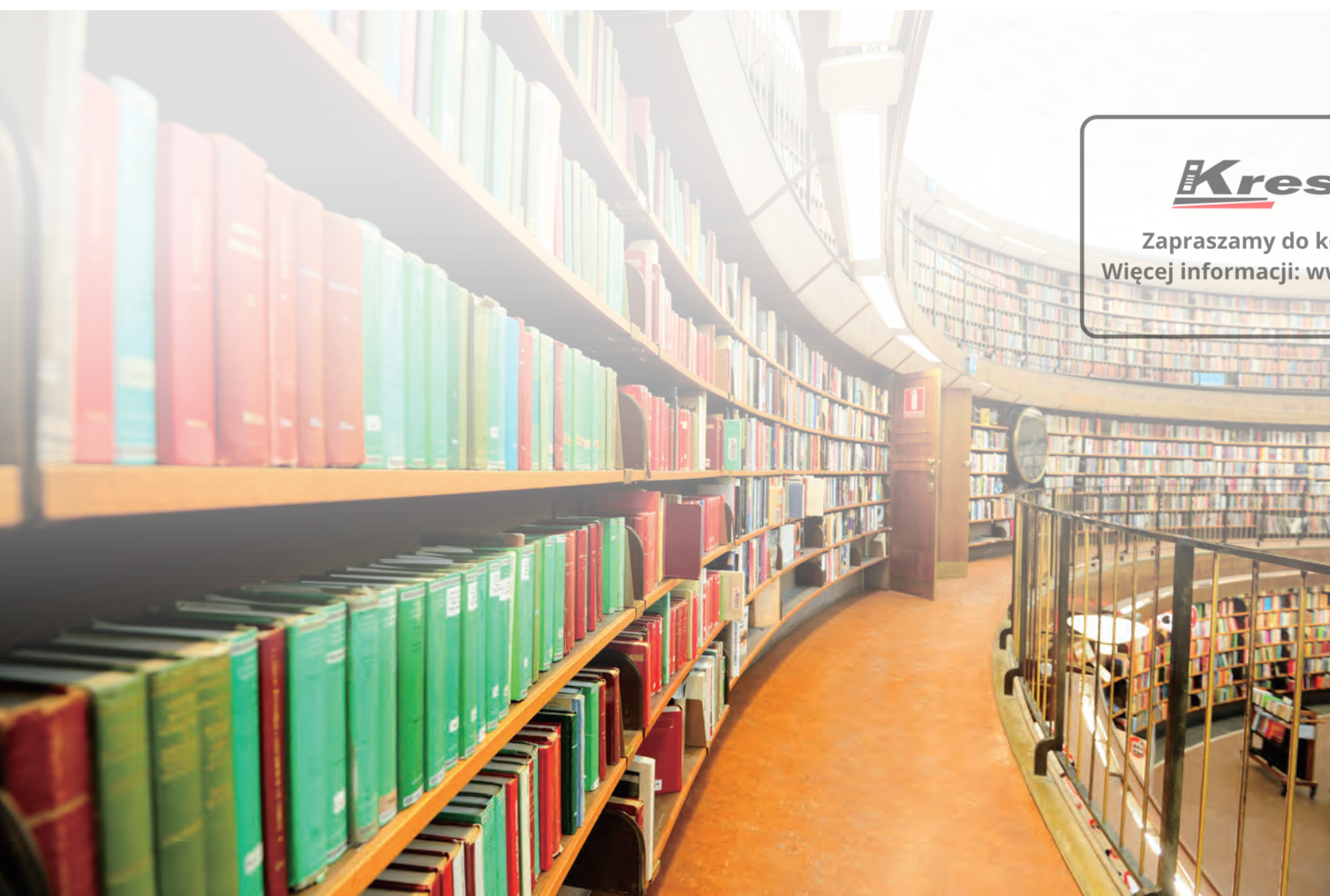
Feature

- UHF RFID Label : 98 x 22 mm
- Compliant with international standards ISO 18000-6C
- Frequency of 865 ~928MHz
- Reprogrammable Memory is 480 bits (EPC), 512 bits (User)
- IC Type (chip) is Alien Higgs-3
- Operating Temp. : -40°C ~ 70°C



Applications

- Suitable for library management applications



Applications

- Suitable for pasting on wood, plastic and glass materials



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HRT4000

HF RFID Tag

Feature

- Made by Corrosion resistant stainless steel
- Meet the requirement of US Military Standard MIL-STD-810H
- HF RFID Tag : 50x 30 x 10 mm
- Compliant with international standards ISO 15693
- HF Frequency: 13.56MHz
- Reprogrammable Memory is 2000 bits (User)
- IC Type (chip) is Impinj Monza 4E
- IP68 Rating
- Operating Temp. : -30°C ~ 125°C
- Impact Protection Level : IK10



Applications

- Suitable for third-party asset management applications to achieve product traceability, manufacturer authentication and digitized product information



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For more information on unitech RFID UHF Antennas,
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