

RFID Labels and Tags

Maximize your RFID solutions

- 
- The background image shows an industrial environment. In the center, there is a large stack of metal parts, possibly pistons or valves, arranged in neat rows on a red pallet. The parts are wrapped in clear plastic. In the foreground, there are more metal components, some with yellow and black safety markings. The scene is brightly lit, suggesting a factory or warehouse setting. The image is framed by a white diagonal line and decorated with blue and teal geometric shapes on the right and bottom left.
- Various applications
 - Real-time visibility

Maximize your RFID solutions

RFID Labels and Tags

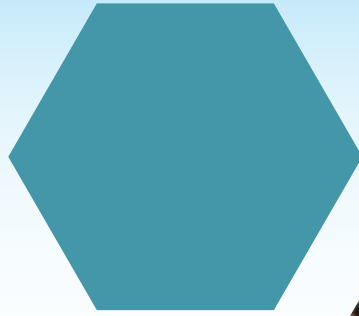
There are several elements to consider when selecting RFID labels and tags. However, the following 2 factors are the most important:

- 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.





URP1000 P/N: 4090-900005G

UHF RFID Printable Label

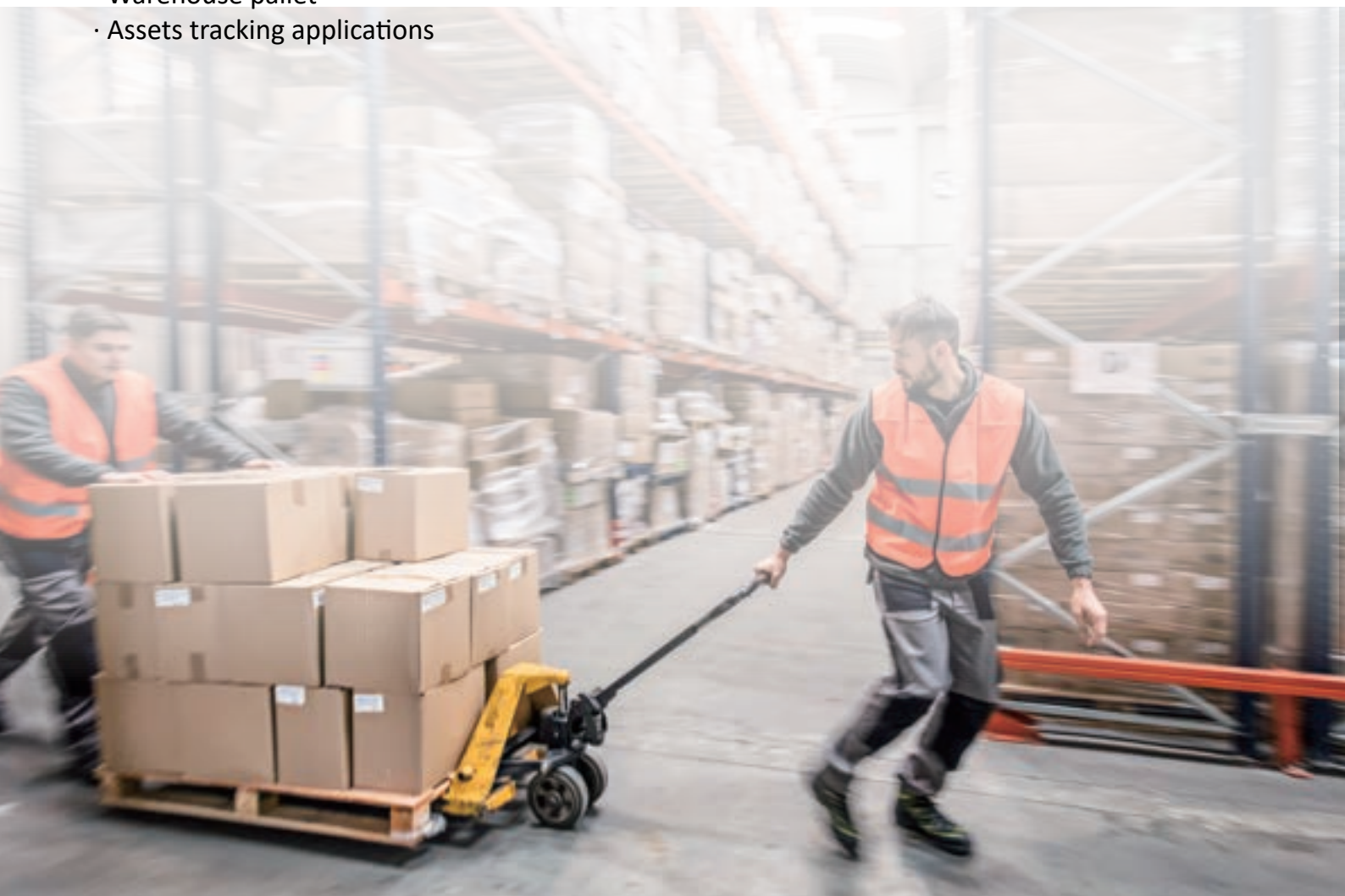


Feature

- 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
- QTY per box :100pcs

Applications

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



URP1010

P/N: 4090-900009G

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
- QTY per box :100pcs

Applications

- Metal objects



URT2000

UHF RFID Tag

P/N: 4090-900006G (865-868MHz)

P/N: 4090-900007G (902-928MHz)



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 * 3.6 mm
- Compliant with international standards ISO 18000-6C
- Frequency of 865 ~ 868MHz / 902 ~ 928MHz
- Reprogrammable Memory is 128 bits (EPC), 96 bits (TID)
- IC Type (chip) is Ucode-8
- Operating Temp: -40°C ~ 100°C
- QTY in a box : 46pcs

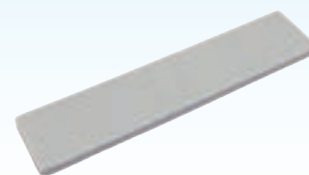
Applications

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



URT2010 P/N : 4090-900011G

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)
- QTY in a box : 100pcs

Applications

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



URL3000 P/N: 4090-900008G

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
- QTY in a box: 100 pcs

Applications

- Suitable for library management applications



URL3010 P/N:4090-900015G

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
- QTY in a box: 100 pcs



For more information on unitech RFID UHF Antennas, please visit www.ute.com

Applications

- Suitable for pasting on wood, plastic and glass materials



HRT4000

P/N: 4090-900014G

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
- QTY in a box: 50 pcs



Applications

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



Battery-Free UHF RFID E-Paper Tags

P/N: 4090-900014G

Optimize Manufacturing Processes with Paperless RFID Solutions

Unitech's UHF E-paper tag is the ultimate solution for accurate and efficient management in manufacturing applications. This battery-free E-paper tag can be integrated with your UHF RFID solutions to boost the automated production line and enhance overall efficiency. With its low power consumption and dynamic information delivered via UHF wireless communication, the UHF E-paper technology seamlessly integrates with production status cards, electronic shelf labels, and logistics labels to reduce error procedures. Additionally, the revolutionary technology of the UHF e-Paper tag provides clear display information even under bright sunlight, allowing for easy updates through RFID UHF. Say goodbye to complicated and outdated systems and embrace the future with the unparalleled convenience and efficiency of UHF e-Paper tag. Experience the difference in technology and elevate your business to new heights with this cutting-edge device.



Protocol		EPCglobal Class1 Gen2
Dimension		103 (L) * 46 (W) * 6.61 (H) mm
Weight		35g
Display	Size	2.9 inch
	Color	Black / White
	Resolution	296 (H) * 128 (V) pixels, 112 dpi
	Display lifecycle	More than 1,000,000 updates
Memory	USER bank	61,440 bits
	EPC length	up to 480bits
User Environment	Operation Temot.	0°C~40°C
	Storage Tempt.	-25°C ~ 60°C
	Humidity	under 80%, non-condensation
	IK impact protection	Follow IK3 standard
	Sealing	1P67
	Drop	1.2 meter
Certifications		CE, FCC, UKCA, ISE D(IC), ACMA, NBTC, TRC, RSM



www.ute.com



For more information on unitech RFID UHF Antennas,
please visit www.ute.com



Headquarters

Taipei, Taiwan
<http://www.ute.com> e-mail: info@hq.ute.com

unitech America

Los Angeles
<http://us.ute.com> e-mail: info@us.ute.com
<http://can.ute.com> info@can.ute.com
Mexico
<http://latin.ute.com> e-mail: info@latin.ute.com

unitech Asia Pacific & Middle East

Taipei
<http://apac.ute.com> info@apac.ute.com / info@india.ute.com
<http://mideast.ute.com> info@mideast.ute.com

unitech Europe

Tilburg / Netherlands
<http://eu.ute.com> e-mail: info@eu.ute.com

unitech Japan

Tokyo
<http://jp.ute.com> e-mail: info@jp.ute.com

unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen
<http://cn.ute.com> info@cn.ute.com
Taipei <http://tw.ute.com> info@tw.ute.com

www.ute.com

RFID Labels and Tags(202403)