

## UHF | RAIN - Label Xerafy - Metal Skin®

- Available in UHF or HF
- Available with various Chip types
- Up to 10 meter reading range
- Suitable for on metal mounting
- Cost effective item level tracking



## UHF | RAIN - LABEL INDUSTRIAL ON-METAL LABEL

Xerafy's Metal Skin® RFID labels deliver reliable performance and exceptional durability. These durable on-metal UHF | RAIN - RFID labels ensure efficient logistics for parts and components, track WIP inventory in production, identify returnable assets, locate hospital equipment, manage data centers and electronic devices, and streamline complex supply chains.

The Metal Skin® series features four standardized sizes, each adapted for various assets and inventory. Available in multiple variations, they cater to specialty applications such as long range, small sizes, high memory, liquid resistance, and tamper evidence.

With their IP ratings and resistance to moderate solvents and caustics/acids, the labels are built to withstand demanding environments, enabling precise data capture. The laminated face stock is thermal-transfer printable and can feature a logo, ID number, or barcode, while the flexible permanent industrial adhesive back ensures secure bonding on any flat or curved surfaces. Exceptionally thin and flexible, the on-metal labels are ready to use and easy to deploy.

They allow for custom printing in the field and are compatible with industrial RFID printers from Zebra, SATO, TSC, and more. Additionally, powered by the latest RFID chips from Impinj and NXP, the labels' offering cutting-edge item-level tracking features.

### Common Applications

- First choice for on metal applications
- Best for item level tracking
- Best for complex processes
- Ideal for medical devices
- Full performance in the half the size



Mercury

Mercury R6P

Mercury 86 Max

Mercury 95 Max

Delta

Delta U8



OEM Part Number (P/N)	X51A0-EU100-U9 (EU) X51A0-US100-U9 (US)	X1040-EU011-R6P (EU) X1040-US011-R6P (US)	X8654-EU011-R6P (EU) X8654-US011-R6P (US)	X9522-EU011-U8 (EU) X9522-US011-U8 (US)	X8020-EU100-R6P (EU) X8020-US100-R6P (US)	X8040-EU011-U8 (EU) X8040-US011-U8 (US)
Frequency	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)
IC type	NXP UCODE 9	Impinj Monza R6-P	Impinj Monza R6-P	NXP UCODE 8	Impinj Monza R6-P	NXP UCODE 8
Chip memory	96 bits TID / 96 bits EPC	48 bits TID / 128/96 bits EPC / 32/64 bits user memory	48 bits TID / 128/96 bits EPC / 32/64 bits user memory	96 bits TID / 128 bits EPC	48 bits TID / 128/96 bits EPC / 32/64 bits user memory	96 bits TID / 128 bits EPC
Read range on metal (fixed)	Up to 8 m	Up to 8 m	Up to 19 m	Up to 16 m	Up to 4.5 m	Up to 11 m
Read range off metal (fixed)	Up to 6 m	Limited	Up to 14 m	Limited	Limited	Up to 6 m
Material	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock
Mounting systems	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive
Operational temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Survival temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-55°C to +85°C
Compression strength	634 kPa	N/A	N/A	N/A	2,450 kPa	N/A
IP rating	IP68	IP68	IP68	IP68	IP68	IP68
Dimensions	101.6 x 38 x 1 mm	100 x 40 x 1 mm	86 x 54 x 1.25 mm	95 x 22 x 1.25 mm	80 x 20 x 1 mm	80 x 40 x 1 mm
Weight	Reel: 0.90 kg	Reel: 1.20 kg	Reel: 0.75 kg	Reel: 1 kg	Reel: 0.80 kg	Reel: 0.80 kg
Applications	Global supply chain Logistics Datacenter servers E-commerce	Global supply chain Logistics Datacenter servers E-commerce	Autoclave sterilization Surgical trays Medical devices Healthcare equipment	Reusable packaging & containers Global supply chain Logistics WIP inventory	Data centers IT asset management Manufacturing WIP Automated inventory	Data centers IT asset management Manufacturing WIP Automated inventory

### Platinum

### Platinum R6P

### Platinum 55 Universal

### Platinum 60 Max

### Platinum 60 Flag

### Platinum 64 Tamper



OEM Part Number (P/N)	X50A3-EU011-U9 (EU) X50A3-US011-U9 (US)	X6025-EU011-R6P (EU) X6025-US011-R6P (US)	X5515-EU011-U8 (EU) X5515-US011-U8 (US)	X6025-EU011-U8 (EU) X6025-US011-U8 (US)	X6921-GL011-U8 (Global)	X6025-EUT11-U9 (EU) X6025-UST11-U9 (US)
Frequency	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	860-960 MHz (Global)	865-868MHz (EU) 902-928MHz (US)
IC type	NXP UCODE 9	Impinj Monza R6-P	NXP UCODE 8	NXP UCODE 8	NXP UCODE 8	NXP UCODE 9
Chip memory	96 bits TID / 96 bits EPC	48 bits TID / 128/96 bits EPC / 32/64 bits user memory	96 bits TID / 128 bits EPC	96 bits TID / 128 bits EPC	96 bits TID / 128 bits EPC	96 bits TID / 96 bits EPC
Read range on metal (fixed)	Up to 5 m	Up to 5 m	Up to 7.40 m	Up to 9.50 m	Limited	Up to 4 m
Read range off metal (fixed)	Up to 2 m	Up to 2 m	Up to 3.50 m	Up to 2 m	Up to 7 m (on liquid)	Limited
Material	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	High temperature polymer
Mounting systems	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive	Screws M3, Cable ties Industrial adhesive
Operational temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Survival temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +120°C	-40°C to +85°C	-40°C to +85°C	-55°C to +215°C
Compression strength	97 kPa	N/A	N/A	N/A	N/A	2,450 kPa
IP rating	IP68	IP68	IP68	IP68	IP68	IP68
Dimensions	58.50 x 19 x 1 mm	60 x 25 x 1 mm	55 x 15 x 1.25 mm	60 x 25 x 1 mm	58.50 x 21 x 1 mm	42 x 15 x 2.10 mm
Weight	Reel: 0.60 kg	Reel: 0.80 kg	Reel: 0.75 kg	Reel: 0.80 kg	Reel: 1.39 kg	2.20 g
Applications	Industrial supply chain RTI management Warehouse automation Automated inventory	Industrial supply chain RTI management Warehouse automation Automated inventory	IT assets tracking Data center management Electronics devices	Reusable packaging & containers Automated warehouse MRO parts and components WIP inventory	Liquid container management Cosmetic management Wine management Pharmaceutical management	High temperature production Work in process RTI management

### Platinum 64 Slim

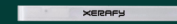
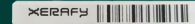
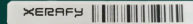
### Titanium

### Titanium M730

### Titanium 48 Liquid

### Titanium 30 Smallest

### Titanium 25 Lasso



OEM Part Number (P/N)	X6406-EU011-U8 (EU) X6406-US011-U8 (US)	X5220-EU100-U9 (EU) X5220-US100-U9 (US)	X4506-EU011-M730 (EU) X4506-US011-M730 (US)	X4804-EU011-U8 (EU) X4804-US011-U8 (US)	X3006-EU011-U9xe (EU) X3006-US011-U9xe (US)	X6813-GL011-U9 (Global)
Frequency	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	865-868MHz (EU) 902-928MHz (US)	860-960 MHz (Global)
IC type	NXP UCODE 8	NXP UCODE 9	Impinj M730	NXP UCODE 8	NXP UCODE 9xe	NXP UCODE 9
Chip memory	96 bits TID / 128 bits EPC	96 bits TID / 96 bits EPC	96 bits TID / 128 bits EPC	96 bits TID / 128 bits EPC	96 bits TID / 96 bits EPC	96 bits TID / 96 bits EPC
Read range on metal (fixed)	Up to 4 m	Up to 2.50 m	Up to 3.80 m	Up to 2 m (on metal)	Up to 1.80 m	Up to 8 m
Read range off metal (fixed)	Up to 4.5 m (on liquid)	Up to 1 m	Up to 3.20 m (on liquid)	Up to 1 m Up to 5 m (on liquid)	Up to 0.90 m	Limited
Material	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock	White thermal transfer face stock
Mounting systems	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive	Industrial adhesive
Operational temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Survival temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-55°C to +85°C
Compression strength	N/A	400 kPa	N/A	N/A	N/A	N/A
IP rating	IP68	IP68	IP68	IP68	IP68	IP68
Dimensions	64 x 6 x 1 mm	45 x 5.60 x 1 mm	45 x 6 x 1 mm	48 x 4 x 1 mm	30 x 6 x 1 mm	68 x 13 x 1 mm
Weight	Reel: 0.60 kg	Reel: 0.40 kg	Reel: 0.75 kg	Reel: 0.80 kg	Reel: 0.30 kg	Reel: 1.94 m
Applications	Data centers Cosmetics management Electronic devices	Product authentication IT asset and laptop tracking Radio and mobile equipment Foil-based packaging tracking	Product authentication IT asset and laptop tracking Radio and mobile equipment Foil-based packaging tracking	Food and beverage Medicines and pharmacy Liquid bottles and containers	IT asset and laptop tracking Electronic devices MRO parts and components	Jewelry management High-value item tracking Inventory management

Titanium 25 HF



OEM Part Number (P/N)	X2525-HF011-FM1108 (HF)
Frequency	13.56 MHz (HF)
IC type	FM1108
Chip memory	64 bits
Read range on metal (fixed)	Up to 0.05 m
Read range off metal (fixed)	Limited
Material	White thermal transfer face stock
Mounting systems	Industrial adhesive
Operational temperature	-40°C to +85°C
Survival temperature	-40°C to +85°C
Compression strength	N/A
IP rating	IP68
Dimensions	ø 25 x 1 mm
Weight	Reel: 0.38 kg
Applications	IT asset management Warehouse management Automotive components tracking Equipment & device tracking