

RICHRFID

RFID Tags & Labels Portfolio

RAIN RFID UHF | HF/NFC | Dual Frequency



UHF RFID Inlays

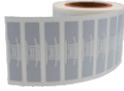
Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Image	Chip	Dimension	Read Range	Application
Bullbone		Impinj M830 NXP Ucode 9 NXP Ucode X	94 x 22 mm 3.70 x 0.87 in	FCC: > 22.0 m ETSI: > 19.0 m	Apparel Automotive Supply Chain Logistics
Vibe			70 x 14 mm 2.76 x 0.55 in	FCC: > 13.5 m ETSI: > 12.7 m	
Mesh			50 x 30 mm 1.97 x 1.18 in	FCC: > 15.9 m ETSI: > 13.4 m	
Minimesh			42 x 16 mm 1.65 x 0.63 in	FCC: > 8.5 m ETSI: > 10.5 m	
Quadra		NXP Ucode 9	44 x 44 mm 1.73 x 1.73 in	FCC: > 12.0 m ETSI: > 8.0 m	Supply Chain Library
Palid		Impinj M830	80 x 20 mm 3.15 x 0.79 in	FCC: > 18.5 m ETSI: > 13.0 m	Supply Chain Logistics
Niche		Impinj M830	22 x 12 mm 0.87 x 0.47 in	FCC: > 6.0 m ETSI: > 1.8 m	Healthcare Jewelry
Mesh DF EM4425		EM4425	50 x 30 mm 1.97 x 1.18 in	FCC: > 4.0 m ETSI: > 4.0 m HF: > 4.0 cm	Clothing Electronics Package Carton
Mesh DF Q6S		Qstar- 6S	50 x 30 mm 1.97 x 1.18 in	FCC: > 4.0 m ETSI: > 4.0 m HF: > 2.0 cm	

The read range presented above is for reference only and was derived from our company's laboratory testing.

UHF RFID Labels

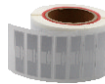
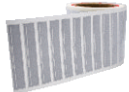
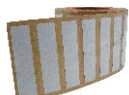
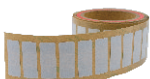
Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Image	Model	Chip	Dimension	Read Range
Face Material: 80g Coated Paper, Adhesive: Hot Melt					
Bullbone		RC5129	Impinj M830	97 x 25 mm 3.82 x 0.98 in	FCC: > 22.0 m ETSI: > 19.0 m
Vibe M830		RC5128	Impinj M830	73 x 20 mm 2.87 x 0.79 in	FCC: > 13.5 m ETSI: > 12.7 m
Vibe H10		RC5071	Alien Higgs 10	73 x 20 mm 2.87 x 0.79 in	FCC: > 9.4 m ETSI: > 6.5 m
Mesh M830		RC5134	Impinj M830	54 x 35 mm 2.13 x 1.34 in	FCC: > 15.9 m ETSI: > 13.4 m
Mesh H10		RC5063	Alien Higgs 10	54 x 35 mm 2.13 x 1.38 in	FCC: > 9.4 m ETSI: > 8.5 m
Quadra		RC5041	NXP Ucode 9	50 x 50 mm 1.97 x 1.97 in	FCC: > 12.0 m ETSI: > 8.0 m
Minimesh M830		RC5127	Impinj M830	45 x 18mm 1.77 x 0.71 in	FCC: > 8.5 m ETSI: > 10.5 m
Minimesh H10		RC5091	Alien Higgs 10	45 x 18mm 1.77 x 0.71 in	FCC: > 9.4 m ETSI: > 3.4 m
Niche		RC5132	Impinj M830	25 x 15 mm 0.98 x 0.59 in	FCC: > 6.0 m ETSI: > 1.8 m
Mesh DF		RC5133	Qstar- 6S	54 x 34 mm 2.13 x 1.34 in	FCC: > 4.0 m ETSI: > 4.0 m HF: > 2.0 cm
Face Material: PET, Adhesive: Double Tape; Mainly for Non-metal Asset Management					
BendPlas Max		RC5801	Impinj M830	97 x 25 mm 3.82 x 0.98 in	FCC: > 22.0 m ETSI: > 19.0m
BendPlas Wide M830		RC5802	Impinj M830	65 x 35 mm 2.56 x 1.38 in	FCC: > 15.9 m ETSI: > 13.4 m
BendPlas Wide H10		RC5803	Alien Higgs 10	65 x 35 mm 2.56 x 1.38 in	FCC: > 9.4 m ETSI: > 8.5 m
BendPlas Mini		RC5804	Impinj M830	45 x 18mm 1.77 x 0.71 in	FCC: > 8.5 m ETSI: > 10.5 m
BendPlas Mid		RC5805	Impinj Monza R6P	70 x 30 mm 2.76 x 1.18 in	FCC: > 9.9 m ETSI: > 3.8m

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Specxus Series | Specialty Labels

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Image	Model	Chip	Dimension	Read Range
Specxus Liquid Mini		RC5020	NXP Ucode 9xe	43 x 18mm 1.69 x 0.71 in	FCC: > 1.6 m ETSI: > 1.2 m (350ml bottle)
Specxus Liquid U9XE		RC5031	NXP Ucode 9xe	73 x 20 mm 2.87 x 0.79 in	FCC: > 4.0 m ETSI: > 4.5 m (350ml bottle)
Specxus Liquid H10		RC5067	Alien Higgs 10	73 x 20 mm 2.87 x 0.79 in	FCC: > 3.7 m ETSI: > 2.6 m (350ml bottle)
Specxus Liquid Max		RC5085	NXP Ucode 9	98 x 19 mm 3.86 x 0.75 in	FCC: > 3.3 m ETSI: > 3.5 m (350ml bottle)
Specxus Shine		RC9017-4	NXP Ucode 9	68 x 26 mm 2.68 x 1.02 in	FCC: > 9.7 m ETSI: > 4.0 m
Specxus Folio H10		RC9018	Alien Higgs 10	125 x 7 mm 4.92 x 0.28 in	FCC: > 9.8 m ETSI: > 7.5 m
Specxus Folio U9		RC9019	NXP Ucode 9	125 x 7 mm 4.92 x 0.28 in	FCC: > 14.5 m ETSI: > 6.0 m
Specxus Ember		RC5135	NXP Ucode 9xe/9xm	41 x 10 mm 1.61 x 0.39 in	FCC: > 9.0 m ETSI: > 7.0 m
Specxus Flag U9		RC5055	NXP Ucode 9	58.5 x 21 mm 2.3 x 0.83 in	FCC: > 5.9 m ETSI: > 8.4 m
Specxus Flag Q7U		RC5118	Qstar-7U	43.5 x 21 mm 1.71 x 0.83 in	FCC: > 7.0 m ETSI: > 3.5 m
Specxus eWave		RC5137	FM13UF0051E	43.5 x 21 mm 1.71 x 0.83 in	FCC: > 8.0 m ETSI: > 7.0 m
Specxus Vista		RC5019	Impinj M830	97 x 25 mm 3.82 x 0.95 in	FCC: > 19.3 m ETSI: > 17.7 m
Specxus Secure		RC5001	Impinj Monza R6P	43 x 18 mm 1.69 x 0.71 in	FCC: > 7.0 m ETSI: > 4.9 m

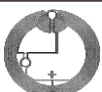
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HF Inlays & Labels

FM11RF08 Series

This inlay meets with ISO14443A standard, operating frequency is 13.56MHz. Each inlay has a unique ID and stores user data. It is applied to equipment tracking, IT assets management, library management, dangerous goods management, etc.

Antenna	Antenna Dimension	Label Dimension (customized)
	15x15mm	18x18mm
	26x11mm	30x15mm
	32x15mm	35x18mm
	32x32mm	35x35mm
	32x32mm	35x35mm
	27x22mm	30x25mm
	38x22mm	41x25mm
	40x40mm	43x43mm
	45x45mm	50x50mm
	52x15mm	55x18mm

Antenna	Antenna Dimension	Label Dimension (customized)
	76x45mm	85.6x54mm
	Ø15mm	Ø18mm
	Ø20mm	Ø23mm
	Ø22mm	Ø25mm
	Ø25mm	Ø28mm
	Ø27mm	Ø30mm
	Ø27mm	Ø30mm
	Ø30mm	Ø33mm
	Ø34mm	Ø37mm
	Ø40mm	Ø43mm

HF Inlays & Labels NXP I-CODE Series

This inlay meets with ISO15693 standard, operating frequency is 13.56MHz. Each inlay has a unique ID and stores user data. It is applied to equipment tracking, IT assets management, library management, dangerous goods management, etc.

Antenna	Antenna Dimension	Label Dimension (customized)
	15x15mm	18x18mm
	26x11mm	30x15mm
	32x14mm	35x17mm
	34x22mm	37x25mm
	37x22mm	40x25mm
	45x45mm	48x48mm
	45x45mm	48x48mm
	45x45mm	50x50mm
	52x15mm	55x18mm
	52x15mm	55x18mm

Antenna	Antenna Dimension	Label Dimension (customized)
	60x10mm	63x13mm
	76x45mm	85.6x54mm
	Ø22mm	Ø25mm
	Ø25mm	Ø28mm
	Ø25mm	Ø28mm
	Ø33mm	Ø36mm
	Ø33mm	Ø36mm
	Ø34mm	Ø37mm
	Ø39mm	Ø42mm
	Ø40mm	Ø43mm

HF Inlays & Labels NXP Ntag Series

This inlay meets with ISO14443A standard, operating frequency is 13.56MHz. Each inlay has a unique ID and stores user data. It is applied to equipment tracking, IT assets management, library management, dangerous goods management, etc.

Antenna	Antenna Dimension	Label Dimension (customized)
	15x15mm	18x18mm
	18x8mm	21x11mm
	18x18mm	21x21mm
	26x11mm	30x15mm
	34x34mm	37x37mm
	37x22mm	40x25mm
	45x45mm	48x48mm
	45x45mm	50x50mm
	52x15mm	55x18mm
	52x15mm	55x18mm
	52x15.5mm	55x19mm
	76x45mm	85.6x54mm
	Ø15mm	Ø18mm

Antenna	Antenna Dimension	Label Dimension (customized)
	Ø19mm	Ø22mm
	Ø20mm	Ø23mm
	Ø21mm	Ø24mm
	Ø22mm	Ø25mm
	Ø22mm	Ø25mm
	Ø22mm	Ø25mm
	Ø25mm	Ø28mm
	Ø27mm	Ø30mm
	Ø30mm	Ø33mm
	Ø35mm	Ø38mm
	Ø40mm	Ø43mm
	Ø58mm	Ø61mm
	Ø82mm	Ø85mm

Hydro Series Fabric Laundry Tags

Note: No suffix: Sewing; -P: Heat sealing; -H: Hanging on



Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Image	Dimension	Chip	Read Range
Hydro LA421		70 x 15 mm 2.76 x 0.59 in	NXP Ucode 9xe	FCC: > 11.5 m ETSI: > 14.0 m
Hydro LA421-P		70 x 15 mm 2.76 x 0.59 in	NXP Ucode 9xe	FCC: > 12.5 m ETSI: > 11.0 m
Hydro LA421-H		70 x 15 mm 2.76 x 0.59 in	NXP Ucode 9xe	FCC: > 9.0 m ETSI: > 12.0 m
Hydro LA422		86 x 16 mm 3.39 x 0.63 in	NXP Ucode 9xe	FCC: > 13.0 m ETSI: > 15.5 m
Hydro LA422-P		86 x 16 mm 3.39 x 0.63 in	NXP Ucode 9xe	FCC: > 13.0 m ETSI: > 15.0 m
Hydro LA423		70 x 10 mm 2.76 x 0.39 in	NXP Ucode 9xe	FCC: > 7.5 m ETSI: > 7.0 m
Hydro LA423-P		70 x 10 mm 2.76 x 0.39 in	NXP Ucode 9xe	FCC: > 7.0 m ETSI: > 6.5 m
Hydro LA424		60 x 20 mm 2.36 x 0.79 in	NXP Ucode 9xe	FCC: > 8.5 m ETSI: > 8.0 m
Hydro LA424-P		60 x 20 mm 2.36 x 0.79 in	NXP Ucode 9xe	FCC: > 9.0 m ETSI: > 10.0 m
Hydro LA425		58 x 15 mm 2.28 x 0.59 in	NXP Ucode 9xe	FCC: > 6.0 m ETSI: > 11.0m
Hydro LA425-P		58 x 15 mm 2.28 x 0.59 in	NXP Ucode 9xe	FCC: > 6.0 m ETSI: > 10.5m
Hydro LA426		50 x 12 mm 1.97 x 0.47 in	NXP Ucode 9xe	FCC: > 7.0 m ETSI: > 8.0m
Hydro LA426-P		50 x 12 mm 1.97 x 0.47 in	NXP Ucode 9xe	FCC: > 5.0 m ETSI: > 5.5 m
Hydro LA427		35 x 15 mm 1.38 x 0.59 in	NXP Ucode 9xe	FCC: > 3.0 m ETSI: > 5.7 m
Hydro LA427-P		35 x 15 mm 1.38 x 0.59 in	NXP Ucode 9xe	FCC: > 2.8 m ETSI: > 3.7 m
Hydro LA441		60 x 9 mm 2.4 x 0.4 in	NXP Ucode 9xe	FCC: > 5.0 m ETSI: > 4.3 m
Hydro LA434		70 x 15 mm 2.76 x 0.59 in	Impinj M830	FCC: > 11.5 m ETSI: > 15.0 m
Hydro LA434-P		70 x 15 mm 2.76 x 0.59 in	Impinj M830	FCC: > 13.0 m ETSI: > 12.0 m
Hydro LA440		50 x 12 mm 1.97 x 0.47 in	Impinj M830	FCC: > 5.8 m ETSI: > 8.5 m
Hydro LA440-P		50 x 12 mm 1.97 x 0.47 in	Impinj M830	FCC: > 7.0 m ETSI: > 6.0 m

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Duo Series | Dual Frequency Laundry Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Image	Dimension	Chip	Read Range
Duo LA601		35 x 35 mm 1.40 x 1.40 in	Qstar-6S	FCC: > 2.7 m ETSI: > 2.1 m HF: > 2.5 cm
Duo LA601-P		35 x 35 mm 1.40 x 1.40 in	Qstar-6S	FCC: > 2.7 m ETSI: > 2.1 m HF: > 2.5 cm
Duo LA602		70 x 20 mm 2.76 x 0.79 in	Qstar-6S	FCC: > 3.6 m ETSI: > 3.0 m HF: > 3.5 cm
Duo LA602-P		70 x 20 mm 2.76 x 0.79 in	Qstar-6S	FCC: > 3.6 m ETSI: > 3.0 m HF: > 3.5 cm
Duo LA603		70 x 20 mm 2.76 x 0.79 in	EM4425	FCC: > 4.8 m ETSI: > 3.8 m HF: > 4.0 cm
Duo LA603-P		70 x 20 mm 2.76 x 0.79 in	EM4425	FCC: > 3.3 m ETSI: > 4.0 m HF: > 4.0 cm
Duo LA604		50 x 20 mm 1.97 x 0.79 in	EM4425	FCC: > 2.3 m ETSI: > 2.2 m HF: > 3.0 cm
Duo LA604-P		50 x 20 mm 1.97 x 0.79 in	EM4425	FCC: > 2.3 m ETSI: > 2.2 m HF: > 3.0 cm

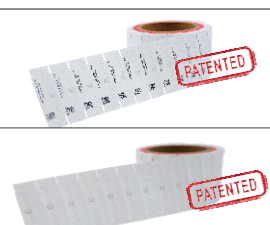
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Aqua Series | Laundry Tags in Roll

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Image	Dimension	Chip	Read Range
Aqua LA701		58 x 30 mm 2.28 x 1.18 in	Impinj M730	FCC: > 7.5 m ETSI: > 9.0m
Aqua LA701-P		58 x 30 mm 2.28 x 1.18 in	Impinj M730	FCC: > 7.5 m ETSI: > 9.0m
Aqua LA702		70 x 20 mm 2.76 x 0.79 in	Impinj M730	FCC: > 10.0 m ETSI: > 6.5 m
Aqua LA702-P		70 x 20 mm 2.76 x 0.79 in	Impinj M730	FCC: > 10.0 m ETSI: > 6.5 m

Nebula Series | Printable Laundry Tags in Roll

Product Name	Image	Dimension	Chip	Read Range
Nebula LA711		70 x 22 mm 2.76 x 0.87 in	NXP Ucode 9xe	FCC: > 7.5 m ETSI: > 5.5m
Nebula LA711-P		70 x 22 mm 2.76 x 0.87 in	NXP Ucode 9xe	FCC: > 7.5 m ETSI: > 6.0m

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Flmeta Series | On-metal Labels

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Dimension	Chip	Read Range
Flmeta-Slim Micro	RCO7070	20 x 10 x 1.00 mm 0.79 x 0.39 x 0.04 in	NXP Ucode 8	FCC: > 1.5 m
Flmeta-Slim Mini	RCO7061	30 x 6 x 1.00 mm 1.18 x 0.24 x 0.04 in	NXP Ucode 9xe	FCC: > 2.0 m ETSI: > 2.0 m
Flmeta-Slim Classic R6P	RCO7009	30 x 15 x 1.25 mm 1.18 x 0.59 x 0.05 in	Impinj Monza R6P	FCC: > 0.9 m ETSI: > 0.8 m
Flmeta-Slim Classic U8	RCO7054	30 x 15 x 1.25 mm 1.18 x 0.59 x 0.05 in	NXP Ucode 8	FCC: > 2.7 m ETSI: > 1.8 m
Flmeta-Slim Wide	RCO7076	40 x 25 x 1.25 mm 1.57 x 0.98 x 0.05 in	Impinj M830	ETSI: > 5.5 m
Flmeta-Slim Needle	RCO7053	45 x 8 x 1.00 mm 1.77 x 0.32 x 0.04 in	NXP Ucode 8	FCC: > 3.0 m
Flmeta-Slim Max	RCO7075	50 x 12.5 x 1.25 mm 1.97 x 0.49 x 0.05 in	Impinj M830	ETSI: > 5.0 m
Flmeta-Slim Prime U8	RCO7059	55 x 15 x 1.25 mm 2.17 x 0.59 x 0.05 in	NXP Ucode 8	FCC: > 4.4 m
Flmeta-Slim Prime R6P	RCO7008	55 x 15 x 1.25 mm 2.17 x 0.59 x 0.05 in	Impinj Monza R6P	FCC: > 4.8 m ETSI: > 3.8 m
Flmeta-Fit Prime R6P	RCO7011	60 x 25 x 1.00 mm 2.36 x 0.98 x 0.04 in	Impinj Monza R6P	FCC: > 3.7 m ETSI: > 4.5 m
Flmeta-Fit Prime U9	RCO7035	60 x 25 x 1.00 mm 2.36 x 0.98 x 0.04 in	NXP Ucode 8 NXP Ucode 9xe	FCC: > 9.0 m ETSI: > 10.5 m
Flmeta-Fit Prime Fold	RCO7049 (Double Fold)	60 x 25 x 1.00 mm 2.36 x 0.98 x 0.04 in	NXP Ucode 8	FCC: > 9.6 m
Flmeta-Fit Mini Tamper	RCO7067 (Tamperproof)	60 x 25 x 1.25 mm 2.36 x 0.98 x 0.05 in	NXP Ucode 9/9xe	FCC: > 3.8 m ETSI: > 3.8 m
Flmeta-Fit Needle	RCO7018	64 x 6 x 1.00 mm 2.52 x 0.24 x 0.04 in	NXP Ucode 8	FCC: > 4.6 m ETSI: > 5.3 m

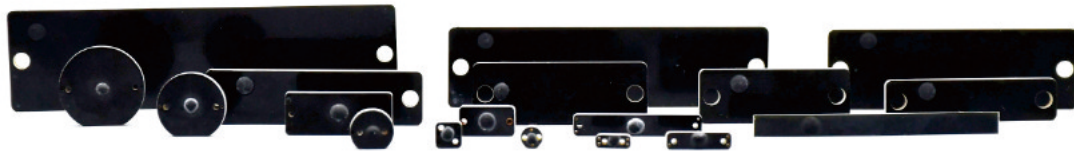
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Flmeta Series | On-metal Labels

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Dimension	Chip	Read Range
Flmeta-Fit Pro R6P	RCO7007	65 x 35 x 1.25 mm 2.56 x 1.38 x 0.05 in	Impinj Monza R6P	FCC: > 7.5 m ETSI: > 5.0 m
Flmeta-Fit Pro U8	RCO7048	65 x 35 x 1.25 mm 2.56 x 1.38 x 0.05 in	NXP Ucode 8	FCC: > 11.8 m ETSI: > 11.0 m
Flmeta-Fit Pro Fold	RCO7060 (Double Fold)	65 x 35 x 1.25 mm 2.56 x 1.38 x 0.05 in	Impinj M730	FCC: > 10.0 m
Flmeta-Fit Classic R6P	RCO7012	70 x 30 x 1.00 mm 2.76 x 1.18 x 0.04 in	Impinj Monza R6P	FCC: > 8.0 m ETSI: > 7.0 m
Flmeta-Fit Classic H9	RCO7040	70 x 30 x 1.00 mm 2.76 x 1.18 x 0.04 in	Alien Higgs 9	FCC: > 9.6 m
Flmeta-Fit Classic U8	RCO7055	70 x 30 x 1.00 mm 2.76 x 1.18 x 0.04 in	NXP Ucode 8	FCC: > 9.0 m ETSI: > 9.2 m
Flmeta-Fit Thin	RCO7030	70 x 30 x 0.60 mm 2.76 x 1.18 x 0.02 in	Impinj Monza R6P	FCC: > 5.5 m ETSI: > 5.0 m
Flmeta-Fit UltraThin	RCO7069	70 x 30 x 0.40 mm 2.76 x 1.18 x 0.02 in	Impinj M830	FCC: > 3.2 m ETSI: > 3.6 m
Flmeta-Fit Mid Tamper	RCO7062 (Tamperproof)	75 x 25 x 1.25 mm 2.95 x 0.98 x 0.05 in	Alien Higgs 9	ETSI: > 8.0 m
Flmeta-Fit Max	RCO7013	80 x 20 x 1.00 mm 3.15 x 0.79 x 0.04 in	Impinj Monza R6P	FCC: > 6.9 m ETSI: > 5.0 m
Flmeta-Fit Wide	RCO7057	80 x 40 x 1.00 mm 3.15 x 1.57 x 0.04 in	NXP Ucode 8	FCC: > 11.0 m ETSI: > 10.0 m
Flmeta-Wide Patch	RCO7037	86 x 54 x 1.25 mm 3.39 x 2.13 x 0.05 in	Impinj Monza R6P	FCC: > 14.5 m
Flmeta-Wide Pro R6P	RCO7006	95 x 22 x 1.25 mm 3.74 x 0.87 x 0.05 in	Impinj Monza R6P	FCC: > 9.8 m ETSI: > 8.0 m
Flmeta-Wide Pro U8	RCO7050	95 x 22 x 1.25 mm 3.74 x 0.87 x 0.05 in	NXP Ucode 8	FCC: > 9.5 m ETSI: > 10.0 m
Flmeta-Wide Needle R6P	RCO7025	100 x 13 x 1.00 mm 3.94 x 0.51 x 0.04 in	Impinj Monza R6P	ETSI: > 7.2 m
Flmeta-Wide Needle U8	RCO7056	100 x 13 x 1.00 mm 3.94 x 0.51 x 0.04 in	NXP Ucode U8	FCC: > 7.9 m
Flmeta-Wide Ultra R6P	RCO7017	100 x 40 x 1.00 mm 3.94 x 1.57 x 0.04 in	Impinj Monza R6P	FCC: > 7.0 m
Flmeta-Wide Ultra U8	RCO7058	100 x 40 x 1.00 mm 3.94 x 1.57 x 0.04 in	NXP Ucode 8	FCC: > 12.0 m ETSI: > 10.0 m
Flmeta-Wide Ultra U9XM	RCO7064	100 x 40 x 1.00 mm 3.94 x 1.57 x 0.04 in	NXP Ucode 9xm	FCC: > 12.5 m ETSI: > 12.5 m

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Cubnut Series | PCB On-metal Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Dimension	Chip	Read Range
Cubnut Max	RCP8002	95 x 25 x 3 mm 3.74 x 0.98 x 0.12 in	NXP Ucode 8	FCC: > 11.0 m ETSI: > 9.0 m
Cubnut Mid Strip	RCP8004	52 x 13 x 3 mm 2.05 x 0.51 x 0.12 in	NXP Ucode 8	FCC: > 10.0 m ETSI: > 9.0 m
Cubnut Mid Patch	RCP8005	36 x 13 x 3 mm 1.42 x 0.51 x 0.12 in	NXP Ucode 8	FCC: > 7.7 m ETSI: > 6.8 m
Cubnut Prime	RCP8006	80 x 20 x 3 mm 3.15 x 0.79 x 0.12 in	NXP Ucode 8	FCC: > 10.0 m ETSI: > 5.8 m
Cubnut Mini Needle	RCP8010	30 x 5 x 2 mm 1.18 x 0.20 x 0.08 in	NXP Ucode 8	FCC: > 6.4 m ETSI: > 6.4 m
Cubnut Micro Disc	RCP8020	D=5 x 3 mm D=0.20 x 0.12 in	NXP Ucode 8	FCC: > 3.0 m ETSI: > 4.5 m
Cubnut Mini Disc	RCP8021	D=10 x 3 mm D=0.39 x 0.12 in	NXP Ucode 8	FCC: > 4.2 m ETSI: > 1.8 m
Cubnut Mid Disc	RCP8022	D=16 x 3 mm D=0.63 x 0.12 in	NXP Ucode 8	FCC: > 4.9 m ETSI: > 5.0 m
Cubnut Micro	RCP8023	8 x 3 x 3 mm 0.32 x 0.12 x 0.12 in	NXP Ucode 8	FCC: > 6.0 m ETSI: > 2.8 m
Cubnut Mini Strip	RCP8025	25 x 10 x 3 mm 0.98 x 0.39 x 0.12 in	NXP Ucode 8	FCC: > 8.0 m ETSI: > 7.0 m
Cubnut Mid Needle	RCP8026	40 x 10 x 3 mm 1.57 x 0.39 x 0.12 in	NXP Ucode 8	FCC: > 7.9 m ETSI: > 6.5 m
Cubnut Mini Slim	RCP8027	15 x 4 x 2 mm 0.59 x 0.16 x 0.08 in	NXP Ucode 8	FCC: > 4.0 m ETSI: > 3.8 m
Cubnut Pro	RCP8032	60 x 20 x 3 mm 2.36 x 0.79 x 0.12 in	NXP Ucode 8	FCC: > 10.3 m ETSI: > 7.8 m
Cubnut Mini Patch	RCP8033	13 x 7 x 3 mm 0.51 x 0.28 x 0.12 in	NXP Ucode 8	FCC: > 7.0 m
Cubnut Classic	RCP8034	6 x 6 x 3 mm 0.24 x 0.24 x 0.12 in	NXP Ucode 8	FCC: > 4.0 m ETSI: > 1.5 m
Cubnut Max Disc	RCP8035	D=20 x 2 mm D=0.79 x 0.08 in	NXP Ucode 8	FCC: > 5.8 m ETSI: > 5.3 m
Cubnut Mid Thin	RCP8038	50 x 10 x 1 mm 1.97 x 0.39 x 0.04 in	NXP Ucode 8	FCC: > 4.0 m
Cubnut Mid Slim	RCP8030	56.5 x 5 x 1.3 mm 2.22 x 0.20 x 0.05 in	NXP Ucode 9	ETSI: > 3.0 m

The read range presented above is for reference only and was derived from our company's laboratory testing.

Cubnut-HT Series | High Temperature On-metal Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Image	Dimension	Chip	Read Range
Cubnut-HT Mini	RCP8039	 	42 x 15 x 2 mm 1.65 x 0.59 x 0.08 in	NXP Ucode 8	FCC: > 8.7 m
Cubnut-HT Needle	RCP8045	 	80 x 5 x 2 mm 3.15 x 0.20 x 0.08 in	NXP Ucode 8	FCC: > 11.5 m ETSI: > 9.5 m

Pallet AIO Series | Pallet Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Pallet AIO Needle	RCT10003		90 x 10 x 1 mm 3.54 x 0.40 x 0.04 in	NXP Ucode 8	FCC: > 18.4 m ETSI: > 15.0 m
Pallet AIO Slim	RC9027-12		85 x 20 x 0.9 mm 3.35 x 0.79 x 0.04 in	Impinj M830	FCC: > 20.6m ETSI: > 26.0 m
Basaltix Ultra	RCO8011		128 x 30 x 8.5 mm 5.04 x 1.18 x 0.34 in	NXP Ucode 8	FCC: > 27.3 m ETSI: > 26.5 m

Cubnut-C Series | Ceramic On-metal Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Cubnut-C Patch	RCC6001		25 x 25 x 3 mm 0.98 x 0.98x 0.12 in	Alien Higgs 3	FCC: > 8.5 m
Cubnut-C Mini Cube	RCC6009		5 x 5 x 3 mm 0.20 x 0.20 x 0.12 in	Alien Higgs 3	FCC: > 6.2 m ETSI: > 2.5 m
Cubnut-C Strip	RCC6010		10 x 5 x 3 mm 0.39 x 0.20 x 0.12 in	Alien Higgs 3	FCC: > 5.0 m ETSI: > 4.5 m
Cubnut-C Micro Cube	RCC6012		4 x 4 x 3 mm 0.16 x 0.16 x 0.12 in	Alien Higgs 3	FCC: > 4.0 m ETSI: > 3.0 m

Basaltix Series | High Protection Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Basaltix Mini	RCO8009		47.87 x 35 x 7.8 mm 1.88 x 1.38 x 0.31 in	Alien Higgs 3	FCC: > 7.0 m ETSI: > 6.2 m
Basaltix Ultra	RCO8011		128 x 30 x 8.5 mm 5.04 x 1.18 x 0.34 in	NXP Ucode 8	FCC: > 27.3 m ETSI: > 26.5 m
Basaltix Pro	RCO8012		88 x 30 x 9.0 mm 3.46 x 1.18 x 0.35 in	NXP Ucode 8	FCC: > 19.3 m ETSI: > 17.8 m
Basaltix Wide	RCO8015		88 x 37 x 4.0 mm 3.46 x 1.46 x 0.16 in	Impinj Monza R6P	FCC: > 8.3 m ETSI: > 4.5 m
Basaltix Max 4QT	RCO8016		136 x 43 x 10.3 mm 5.35 x 1.69 x 0.41 in	Impinj Monza 4QT	FCC: > 21.0 m ETSI: > 19.0 m
Basaltix Max Duo	RCO8018		136 x 43 x 10.3 mm 5.35 x 1.69 x 0.41 in	Impinj Monza R6P FM11RF08S	UHF: > 8.4 m HF: > 3.0 cm
Basaltix Long	RCO8019		85 x 21 x 10.0 mm 3.35 x 0.83 x 0.39 in	NXP Ucode 9xm	FCC: > 23.6 m ETSI: > 22.7 m

Specxus Series | Specialty Hard Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Specxus Guard	RC9003		345 x 28.25 x 4.5 mm 13.58 x 1.11 x 0.18 in	NXP Ucode 8/9	> 9.0 m
Specxus Anchor	RCC6011		12 x 18 mm/20 x 25 mm 0.47 x 0.71 in/0.79 x 0.98 in	Alien Higgs 3	> 1.8 m

The read range presented above is for reference only and was derived from our company's laboratory testing.

Attira Series | Apparel Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Image	Dimension	Chip	Read Range
Attira Ultra DF	RC9008-2		72.75 x 30.75 x 20.75 mm 2.86 x 1.21 x 0.82 in	Impinj Monza R6P	UHF: > 16.0 m EAS: > 1.0 m, one side
Attira Ultra	RC9008-3		72.75 x 30.75 x 20.75 mm 2.86 x 1.21 x 0.82 in	NXP Ucode 8	FCC: > 14.0 m ETSI: > 18.0 m
Attira Mini Disc	RC9602		Ø34 x 5 mm Ø1.34 x 0.20 in	Impinj Monza R6P NXP ucode 8	FCC: > 6.4 m ETSI: > 4.5 m
Attira Mid DF	RC9604		138x 28 x 18 mm 5.43 x 1.10 x 0.71 in	Impinj Monza R6P	FCC: > 9.0 m ETSI: > 7.0 m EAS: > 1.0 m, one side
Attira Slim	RC9012		53 x 30 mm 2.09 x 1.18 in	Impinj Monza 830	FCC: > 5.8 m ETSI: > 8.3 m
Attira Max	RC9016		90 x 40 mm 3.54 x 1.57 in	Impinj M830	FCC: > 17.0 m ETSI: > 16.5 m

The read range presented above is for reference only and was derived from our company's laboratory testing.

Rotadura Series | Tire Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Product	Dimension	Chip	Read Range
Rotadura Ultra	RC5053		100 x 50 mm 3.94 x 1.97 in	NXP Ucode 9	FCC: > 15.0 m ETSI: > 13.0 m
Rotadura Needle	RC9020		50 x 1 mm/1.97 x 0.04 in 84 x 1 mm/3.31 x 0.04 in	Alien Higgs 9	FCC: > 2.3 m ETSI: > 1.6 m
Rotadura Wide	RC9020-2		85 x 38 x 2 mm 3.35 x 1.50 x 0.79 in	Alien Higgs 9	FCC: > 1.5 m ETSI: > 1.2 m
Rotadura Max H9	RC9020-1		95 x 35 x 2.5 mm 3.74 x 1.38 x 0.10 in	Alien Higgs 9	FCC: > 1.0 m ETSI: > 1.0 m
Rotadura Max U8	RC9020-3		95 x 35 x 2.5 mm 3.74 x 1.38 x 0.10 in	NXP Ucode 8	FCC: > 8.0 m ETSI: > 6.0 m
Rotadura Mini	RC9022		42.4 x 9 mm 1.67 x 0.35 in	Alien Higgs 10	FCC: > 4.8 m ETSI: > 2.0 m

The read range presented above is for reference only and was derived from our company's laboratory testing.

Nanova Series | HF/NFC FPC Tags

HF/NFC: 13.56 MHz

Product Name	Model	Image	Dimension	Chip	Read Range
Nanova MiniDisc	RCF2001		D=8 mm D=0.32 in	NXP NTAG 213	18mm
Nanova Patch	RCF2002		15 x 6 mm 0.59 x 0.24 in	NXP NTAG 213	20mm
Nanova MicroDisc	RCF2003		D=7.5 mm D=0.30 in	NXP ICODESLIX2	30mm
Nanova Cube	RCF2004		10 x 10 mm 0.39 x 0.39 in	NXP ICODESLIX2	40mm

FlexDT Series | UHF FPC Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Image	Dimension	Chip	Read Range
FlexDT Slim	RCF2101	 	68 x 10 mm 2.68 x 0.39 in	Impinj M830	FCC: > 12.0 m ETSI: > 19.0 m

The read range presented above is for reference only and was derived from our company's laboratory testing.