

Zebra® Supplies

RFID



Featuring the largest selection of pre-tested, high-quality labels, tags, receipt paper, wristbands, cards and ribbons, Zebra can provide a solution for virtually any application.

Effective July 28, 2025

Zebra_RFID Supplies-Cat-UMD.001

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Why Zebra RFID Supplies

Exceptional performance and consistency:

- Use of the latest chip technology
- Pre-tested supplies materials and inlays
- We use consistent materials from order to order
- In-depth knowledge of Zebra printers and ISO 9001 procedure includes accurate tag placement

RFID and label solution expertise:

- Global leader in RFID technologies – from printers and readers to RFID supplies
- Zebra understands what impacts application performance and will help you realize the benefits of RFID quickly
- Knowledge to recommend an entire RFID solution that delivers exceptional performance
- As experts in thermal printing materials, we can recommend the right material to meet your application



General Purpose RFID Labels

General Purpose RFID Labels Zebra's General Purpose RFID label offering includes a variety of inlay types and works on most non-metallic surfaces, such as plastic and corrugate. Typical applications include labeling of cases, pallets, products and healthcare specimens. Zebra's RFID labels have been tested and optimized to work with Zebra's RFID printers and readers. Due to the many variables that can affect read range, we recommend testing in your environment to determine which label works best in your application.

Labels for Industrial Printers 76.2mm (3") ID, 203mm (8") OD

Thermal Transfer RFID Labels - pair with Zebra's 6000 wax or 3200 wax/resin ribbon

For use with Zebra's RXi4, ZT400R, ZT600R, and ZE500R

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
24	x	14	10041945		EOS-200	UCODE 9XE	PolyPro 3000T	5,000	1
44.5	x	19	10041942		BT781	UCODE 9	PolyPro 3000T	5,000	1
46	x	22.1	10043601		AD-Sonic	M830	Z-Perform 1500T	3,200	2
46.7	x	31.8	10040904		EOS-261	M730	Z-Perform 2000D	3,500	4
46.7	x	31.8	10040903		EOS-261	M730	Z-Perform 1500T	3,500	4
31.8	x	17.5	10043603		AD-Stealth	M830	Z-Perform 1500T	3,500	3
31.8	x	33	10041947		BT793	UCODE 9	Z-Perform 1500T	2,700	1
60.5	x	44.5	10038232		BT793	UCODE 9	Z-Perform 1500T	2,750	1
72.9	x	13.5	10043602		AD-Burst	M830	Z-Perform 1500T	5,000	2
76.2	x	1	10038999		BT0573	UCODE 9	Z-Perform 1500T	4,000	1
98.6	x	11.4	10036818		ZBR2000	UCODE 8	PolyPro 3000T	5,000	1
101.6	x	51	10038998		ZBR2100	UCODE 9	Z-Perform 1500T	2,000	1
101.6	x	76.2	10038997		ZBR2100	UCODE 9	Z-Perform 1500T	1,500	1
101.6	x	152	10038996		ZBR2100	UCODE 9	Z-Perform 1500T	1,000	1

Part numbers less than 50.8 (2") width will not work in the ZT420R and ZT620R printers due to minimum length specs.

RFID Value Range - Essential RFID labels at the best prices.

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Labels for Desktop and Industrial Printers 76.2mm(3") ID, 127mm(5") OD

Thermal Transfer RFID Labels - pair with Zebra's 6000 wax or 3200 wax/resin ribbon

For use with Zebra's ZD621R, ZD500R, RXi4, ZT400R, and ZT600R printers

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
24	x	0.56	10041943		EOS-200	UCODE 9XE	PolyPro 3000T	1,500	2
44.5	x	19	10041946		BT781	UCODE 9	PolyPro 3000T	1,000	2
60.5	x	44.5	10038231		BT793	UCODE 9	Z-Perform 1500T	750	2
72.9	x	17	10026630		Belt	UCODE 8	Z-Perform 1500T	1,000	2
76.2	x	25.4	10039015		BT0573	UCODE 9	Z-Perform 1500T	1,000	2
101.6	x	50.8	10039003	X	ZBR2100	UCODE 9	Z-Perform 1500T	500	2
101.6	x	152.4	10039002	X	ZBR2100	UCODE 9	Z-Perform 1500T	200	2

Part numbers less than 2" width will not work in the ZT420R and ZT620R printers due to minimum length specs.

Labels for Mobile Printers 19 (0.75") ID

Direct thermal RFID labels

For use with Zebra's ZQ520R, ZQ521R, and ZQ630R printers

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
44.5	x	19	10039674	X	EOS-241	M730	PolyPro 4000D	400	12
44.5	x	19	10043408	X	EOS-241	M830	PolyPro 4000D	325	12
44.5	x	19	10037102*	X	EOS-241	UCODE 8	PolyPro 4000D	300	12
44.5	x	19	10043409		EOS-241	M830	PolyPro 4000D	250	12
76.2	x	25.4	10039020		BT0573	UCODE 9	PolyPro 4000D	260	12
101.6	x	50.8	10039019	X	ZBR2100	UCODE 9	Z-Perform 2000D	180	12
101.6	x	152.4	10039018	X	ZBR2100	UCODE 9	Z-Perform 2000D	75	12

* Also suitable for use in ZQ511R - 19 (0.75") Core, 50.8(2") OD) All mobile labels equipped with black mark sensing

Advanced RFID Labels

Zebra's Advanced RFID labels provide a higher level of read performance than our General Purpose RFID labels in similar applications. Typical applications include labeling of cases, pallets, products and healthcare specimens where longer read ranges are required. Zebra's RFID labels have been tested and optimized to work with Zebra's RFID printers and readers. Due to the many variables that can affect read range, we recommend testing in your environment to determine which label works best in your situation.

Labels for Industrial Printers 76.2mm(3") ID, 203mm(8") OD

For Thermal Transfer RFID Labels - pair with Zebra's 6000 wax or 3200 wax/resin ribbon

For use with Zebra's RXi4, ZT400R, ZT600R and ZE500R printers

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
98.6	x	27	10041944		DogBone	UCODE 9	Z-Perform 1500T	3,000	1
101.6	x	50.8	10039001		ZBR4100	UCODE 9	Z-Perform 1500T	1,500	1
101.6	x	50.8	10035242		ZBR4001	UCODE 7xm	Z-Perform 1500T	1,500	1
101.6	x	152.4	10039000		ZBR4100	UCODE 9	Z-Perform 1500T	800	1

*Direct thermal media

Part numbers less than 2" width will not work in the ZT420R and ZT620R printers due to minimum length specs.

Labels for Desktop and Industrial Printers 76.2mm(3") ID, 127mm(5") OD

Thermal Transfer RFID Labels - pair with Zebra's 6000 wax or 3200 wax/resin ribbon

For use with Zebra's ZD621R, ZD500R, RXi4, ZT400R, and ZT600R printers

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
97.5	x	27	10026641		DogBone	UCODE 8	Z-Perform 1500T	1,000	2
97.5	x	27	10043410		DogBone	M830	Z-Perform 1500T	700	2
101.6	x	50.8	10039017		ZBR4100	UCODE 9	Z-Perform 1500T	500	2
101.6	x	152.4	10039016		ZBR4100	UCODE 9	Z-Perform 1500T	200	2

Labels for Mobile Printers 19mm (0.75") ID

Direct thermal RFID labels

For use with Zebra's ZQ520R, ZQ521R, and ZQ630R printers

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
101.6	x	152.4	10039021	X	ZBR4100	UCODE 9	PolyPro 4000D	65	12
101.6	x	50.8	10039022	X	ZBR4100	UCODE 9	PolyPro 4000D	190	12

Specialty RFID Labels - On Metal

Zebra's Silverline RFID labels are optimized for use on metal surfaces. Designed and verified for use only with Zebra's ZT411 On-Metal RFID Printer.
For detailed specifications, please see the Silverline spec sheets on www.zebra.com.

Labels for Industrial Printers 76.2mm(3") ID, 203mm(8") OD

For Thermal Transfer RFID Labels - pair with Zebra's 5095 resin ribbon
For use with Zebra's ZT411 On-Metal RFID Printer

Size			Part #	Perf.	Inlay	Chip	Material	Labels/ Roll	Rolls/ Case
W	x	L							
45	x	13	10026764		Silverline Micro II FCC	Monza R6P	Polyester	600	1
60	x	25	10026768		Silverline Blade II FCC	M730	Polyester	400	1
60	x	25	10039973		Silverline Blade II+ Global	M780	Polyester	400	1
100	x	13	10026766		Silverline Slim II FCC	Monza R6P	Polyester	600	1
100	x	40	10026770		Silverline Classic II FCC	M730	Polyester	250	1

Part numbers less than 2" width will not work in the ZT420R and ZT620R printers due to minimum length specs.

RFID Wristbands 25.4mm(1") ID, 127mm(5") OD

Zebra's Z-Band UHF RFID durable direct thermal printable wristbands simplify the identification of patients in clinical environments or guests at event venues.

Direct Thermal Wristbands
For use with Zebra's ZD621 & ZD500R printers.

Size			Part #	Perf.	Inlay	Chip	Material	Labels/ Roll	Rolls/ Case
W	x	L							
25.4	x	279	3014578	X	BT0600	UCODE 8	Z-Band Direct	175	3
25.4	x	356	ZIPRD3015155	X	ZBR2002	UCODE 8	Z-Band UltraSoft	175	3
25.4	x	279	ZIPRD3018584	X	ZBR8102	UCODE 9	Z-Band Direct	170	3

Pharma Label 25.4mm(1") ID, 127mm(5") OD

Designed for use on small pharmaceutical vials. This inlay excels on liquid vials with curved surfaces. Meets ARC Spec S.

Thermal Transfer RFID Label. Pair with Zebra's 3200 Wax/Resin for good chemical resistance.
For use with Zebra's Desktop RFID Printers

Size			Part #	Perf.	Inlay	Chip	Material	Labels/ Roll	Rolls/ Case	Case Weight
W	x	L								
25.4	x	356	10038810	X	EOS-202	UCODE 9	PolyPro 3000T	1,500	2	2 lbs.

x = New Item

Specialty RFID Labels - Jewelry Label

Zebra's Specialty RFID labels are designed to work with Zebra's RFID printers and readers. This item has a tail that inserts between two adhesive films creating a loop and a flag securing the inlay to the product. Tail is adhesive free and will not stick to jewelry. Useful for identifying small diameters < 0.3" (8mm).

Labels for Desktop or Industrial Printers 76.2mm(3") ID, 127mm(5") OD

Thermal Transfer RFID Labels - pair with Zebra's 5095 resin ribbon

For use with Zebra's ZD621R, ZD500R, RXi4, ZT400R, ZT600R

Size			Part #	Perf.	10041052	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
76.2	x	356	10038478		EOS-200	UCODE 9	Z-Ultimate 4000T	1,500	2

Specialty RFID Labels - Flag Label

Zebra's Specialty RFID labels are designed to work with Zebra's RFID printers and readers. This item folds in the center and then on the interior perf creating a fin design which may be used to increase read range on challenging RFID materials like densely packed items, or items that have metals or liquid contents.

Labels for Industrial Printers 76.2mm(3") ID, 203mm(8") OD

Thermal Transfer RFID Labels - pair with Zebra's 3200 wax/resin ribbon

For use with Zebra's RXi4, ZT400R, ZT600R, ZE500R

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
101.6	x	152.4	10036473		ZBR4000	UCODE 8	PolyPro 3000T	750	1

Specialty RFID Labels - On-Metal Flag Label

Zebra's Specialty RFID labels are designed to work with Zebra's RFID printers and readers. This item folds at the perf and then is applied to metal items. The unique antenna design provides enhanced readability on metal items at a more economical price than Silverline.

Labels for Desktop or Industrial Printers 76.2mm(3") ID, 127mm(5") OD

Thermal Transfer RFID Labels - pair with Zebra's 5095 resin ribbon

For use with Zebra's ZD621R, ZD500R, RXi4, ZT400R, ZT600R

Size			Part #	Perf.	Inlay	Chip	Material	Labels/	Rolls/
W	x	L						Roll	Case
68	x	25.4	10026781		BT577	Monza R6-P	Z-Ultimate 4000T	1,500	2

RFID HARD TAGS

RFID Hard Tags

When the application requires durability beyond what a label can provide, a hard tag is a suitable option. These hard tags are durable, rugged sealed solutions which offer significant protection to the RFID inlay. They also can use mechanical, adhesive, or both to increase attachment to the product being identified. Please inquire about customizing these hard tags.



Ironside Classic
10041052



Ironside Slim
10041053

Fully Enclosed Hard Rugged Tags

Size			Part #	Inlay	Chip	Material	Attachment Method	Tags/Case
W	x	L						
52	x	48	10041052	Ironside Classic	M780	NA	Screw	500
85	x	21	10041053	Ironside Slim	M780	NA	Screw	600

For use on and off metal assets



Steelwave Classic Kit
10041055

Hard Tag Personalization Kit

Size			Part #	Inlay	Chip	Material	Attachment Method	Tags/Case
W	x	L						
116	x	30	10041055	Steelwave Classic kit	M780	Thermal poly label	Adhesive	1,000

Includes thermal transfer printable UHF RFID labels and durable plastic tray with adhesive for application. Reads well on and off metal

Label Size is 4.21" x 0.87" (107mm x 22mm)

Printing with 05100BK11045 resin ribbon recommended (not included in kit).

Manufacturer	Name	EPC Memory (bits)	User Memory (bits)	TID Prefix	Read Sensitivity	Write Sensitivity	Notes
Alien	Higgs 3	96/480	512/128	E200 3412	-18 dBm	-14 dBm	EPC can extend up to 480 bits by taking from User memory in 64 bit blocks.
Alien	Higgs 4	128	128	E200 3414	-19 dBm	-16 dBm	
Alien	Higgs EC	128	128		-20 dBm	-17 dBm	
Alien	Higgs 9	96	688		-18 dBm	-16 dBm	EPC can extend up to 496 bits by taking from User memory.
Impinj	Monza 4D	128	32	E280 1100	-20 dBm	-17 dBm	
Impinj	Monza 4E	496	128	E280 110C	-20 dBm	-17 dBm	
Impinj	Monza 4i	256	480	E280 1114	-20 dBm	-17 dBm	
Impinj	Monza 4QT	128	512	E280 1105	-20 dBm	-17 dBm	
Impinj	Monza 5	128	32	E280 1102	-20 dBm	-16 dBm	
Impinj	R6	96	0	E280 1160	-22 dBm	-17 dBm	
Impinj	R6-P	128/96	32/64	E280 1170	-22 dBm	-17 dBm	User can extend to 64 bits by taking 32 bits from EPC memory.
Impinj	R6-B	96	0	E280 1171	-22 dBm	-17 dBm	
Impinj	M730	128	0	E280 1191	-24 dBm	-21 dBm	
Impinj	M750	96	32	E280 1190	-24 dBm	-21 dBm	
Impinj	M770	128	32	E280 11A0	-24 dBm	-21 dBm	
Impinj	M775	128	32		-24 dBm	-21 dBm	
Impinj	M780	496	128	E280 11C0	-23.5 dBm	-20.5 dBm	
Impinj	M781	128	512	E280 11C1	-23.5 dBm	-20.5 dBm	
Impinj	M830	128	0	E280 11B0	-25.5 dBm	-20 dBm	
Impinj	M850	96	32	E280 11B0	-25.5 dBm	-20 dBm	
NXP	UCODE G2iL	128	0	E200 6806	-18 dBm		
NXP	UCODE G2iM	256	512	E200 680A	-18 dBm		
NXP	UCODE 7	128	0	E280 6810	-21 dBm	-16 dBm	
NXP	UCODE 7XM - 1K	448	1024	E280 6D12	-19 dBm	-12 dBm	
NXP	UCODE 7XM - 2K	448	2048	E280 6F12	-19 dBm	-12 dBm	
NXP	UCODE DNA	224	3072	E2C0 6892	-19 dBm	-11 dBm	
NXP	UCODE 8	128	0	E280 6894	-23 dBm	-18 dBm	
NXP	UCODE 9	96	0	E280 6995	-24 dBm	-22 dBm	
NXP	UCODE 9xe	128	0	E280 6A16	-24 dBm	-22 dBm	
NXP	UCODE 9xm	128 256 496	752 624 384	E280 6897	-24 dBm	-22 dBm	User configurable memory to 3 different EPC/User values to flex to different application needs

Latest generation highlighted

Additional notes on Read and Write Sensitivity:

6 dBm difference in sensitivity doubles read range, 1 dBm difference increases read range by 12%

Higher absolute numbers for read and write sensitivity will give longer ranges. (-23dBm will have longer read range than -21 dBm, all else held equal)

RFID Item Transitions

Discontinued (End of Life) items are orderable until stock runs out.

Discontinued Item	W x L	Inlay	Printer	Transition to:	W x L	Inlay	Notes
10036991	44.5 x 19	BT781 U8	Industrial	10041942	44.5 x 19	BT781 U9	New chip
10036992	44.5 x 19	BT781 U8	Ind/Desktop	10041946	44.5 x 19	BT781 U9	New chip
10036487	24 x 14	EOS-200 U8	Industrial	10041945	24 x 0.56	EOS-200 U9xe	New label size, new chip
10036485	24 x 14	EOS-200 U8	Ind/Desktop	10041943	24 x 0.56	EOS-200 U9xe	New label size, new chip
10026623	72.9 x 17	Belt U8	Industrial	10043602	72.9 x 13.5	AD-Burst M830	New label size, new chip
10039674	44.5 x 19	EOS-241 M730	Mobile	10043408	44.5 x 19	EOS-241 M830	New chip
10037102	44.5 x 19	EOS-241 U8	Mobile	10043409	44.5 x 19	EOS-241 M830	New chip
10026641	97.5 x 27	DogBone U8	Ind/Desktop	10043410	97.5 x 27	DogBone M830	New chip

UMD Value Add:

Design & Manufacture

- IoT devices and interfaces
- Cables
- Modify products
- Mechanical design and assembly

Source

- Data capture and ICT products and from our agencies
- Systems Integration

Professional Services

- Engineering
- Software
- Deployment
- Support

Full Stack Solution Provider

- Data Carriers (barcode, RFID, sensors)
- Edge devices and gateways
- Own and manage PCI-DSS compliant Data Center
- Middleware and Cloud Application Broker
- Software: cloud, mobile and embedded applications
- Design, deploy and managed services

UMD RFID Services:



RFID Site Surveys



RFID Tag Selection,
Printing, Programming
and Testing



Design and
Construction of RFID
Systems and Portals



Cloud and
Edge Software



Proof of Value Trials



RFID Mobile Devices.
Mobile Device
Management

UMD RFID Benefits For Real-Time Tracking And Productivity:

- Seamless end to end data acquisition
- Streamline inventory management
- Centralised cloud services. Distributed stock inventory and audit functionality
- Ability to track, trace and locate product
- Continuous visibility via frequent RFID stocktakes
- Stocktake accuracy and reduced human error



Partner with UMD to engineer solutions to your challenges