



ZEBRA



# Mobile Workforce

ZEBRA MOBILE RECEIPT AND DOCUMENT SOLUTIONS



# Get More from Your Documents with Genuine Zebra Supplies.

Ensure high-quality, crisp images and text, and ensure that your receipts and documents remain readable and intact for their entire life, by choosing genuine Zebra® supplies. Zebra offers materials that have been carefully selected, tested and approved by the Zebra Supplies Research and Development Department to meet your application's durability, image quality, and archival requirements, as well as your budget.



Zebra follows a rigorous process for media development that includes extensive testing for print quality, moisture and heat resistance, and printer wear and tear. We carefully select materials to ensure consistent, high-quality products.

Zebra is one of the largest producers of thermal media for use in printers in North America. We use inks, varnishes, tooling, equipment and inspection techniques specifically suited for the special requirements of thermal materials.

Zebra is ISO 9001:2000 certified. We have consistent processes in place to ensure the creation of finished products that deliver high customer satisfaction. Just like our printers, Zebra supplies deliver reliable and quality performance.





## Mobile Receipt and Document Solutions from Zebra

### IDEAL FOR:

- Load Manifests
- Proof of Delivery Documents
- Invoices
- Payment Receipts
- Pick Lists
- Many Other Documents

# Considerations When Selecting the Best Material for Your Mobile Application

Selecting the best thermal material for your receipts and documents is very important. While they look similar, the chemical make-up of each material affects its resistance to moisture, heat, and other external factors. The thickness of the paper and the lifespan of images printed on it also vary. All of these attributes are very important to consider to ensure documents remain intact and readable during their useful life.



## Heat

Since direct thermal materials are heat sensitive, exposure to extreme heat will cause the chemicals in the material to react, turning the document black and unreadable. To avoid this problem, choose our heat-resistant 8000D High Temp 3.2 mil Receipt material, which withstands temperatures up to 194° F (90° C).

## Moisture

Most paper materials on the market have limited durability against moisture and degrade once subjected to it. Zebra's PolyPro™ 4000D 3.8 mil Receipt synthetic material offers a waterproof and tearproof solution.

## Thickness

Thicker materials tend to be more durable and are perceived as higher quality. However, the thicker the material, the less paper per roll, resulting in fewer documents that can be printed before the roll needs to be changed.

## Archivability

To reach published archival duration specifications, documents need to be stored with compatible materials in a dark place with relative humidity between 45 and 65 percent, and temperatures below 77° F (25° C).


## Topcoating

One of the biggest differences between thermal papers is their coatings, which are unseen by the naked eye. All thermal papers have a basecoat and a thermal coat, but not all of them have a topcoat. A topcoat provides an extra layer of protection for the image.

For more information on selecting the best material for your application, download our white paper “Selecting the Best Direct Thermal Paper for Your Mobile Application” from [www.zebra.com](http://www.zebra.com).

# Product Selector Guide

## MOBILE RECEIPT AND DOCUMENT SOLUTIONS

					
	LOWEST COST PER SQUARE FOOT				HIGHEST COST PER SQUARE FOOT
	Z-Perform™ 1000D 2.4 Mil Receipt	Z-Perform 1000D 3.5 Mil Receipt	Z-Select™ 4000D 3.2 Mil Receipt	8000D High-Temp 3.2Mil Receipt	PolyPro™ 4000D 3.8 Mil Receipt
	<b>Premium</b> Standard, premium paper — excellent quality, low cost	<b>Heavy Duty</b> Premium thicker paper — improved durability and feel	<b>Exceptional Resistance</b> Thicker top- coated paper — exceptional long- life durability and resistance	<b>Heat Resistant</b> Premium thicker top- coated paper — withstands high temperatures	<b>Waterproof and Tearproof</b> Thicker, top- coated, synthetic, waterproof material and tearproof
<b>Material</b>	Paper	Paper	Paper	Paper	Polypropylene
<b>Topcoated</b>	No	No	Yes	Yes	Yes
<b>Thickness</b>	2.4 mil	3.5 mil	3.2 mil	3.2 mil	3.8 mil
<b>Archivability</b>	10 years*	10 years*	25 years*	20 years*	10 years*
<b>Sensitivity</b>	Medium	High	High	N/A	High
<b>Moisture Resistance</b>	No	No	Yes – Limited**	Yes – Limited**	Yes
<b>Chemical Resistance</b>	No	No	Yes – Limited	Yes – Limited	Yes – Limited
<b>Scratch Resistance</b>	No	No	Yes	Yes	Yes
<b>Service Temperature</b>	-40° F to 140° F (-40° C to 60° C)	-40° F to 140° F (-40° C to 60° C)	-40° F to 140° F (-40° C to 60° C)	-40° F to 194° F (-40° C to 90° C)	-40° F to 140° F (-40° C to 60° C)
<b>Outdoor Applications</b>	No	No	No	Yes	Yes

\* The thermal image will remain legible for the archival life provided the image is fully developed on the recommended thermal printer and the document is stored with compatible materials under proper storage conditions.

\*\* These paper products have moisture resistant features that combat humidity and minimal exposure to water.

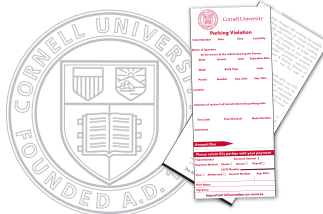




## Consider Customizing Your Documents

Zebra can also pre-print your company logo, watermarks, instructions, terms and conditions and other information, allowing you to maximize the functionality of your receipts and documents. Watermarks are a great security feature that can reduce counterfeits. Documents can also be preprinted with return policies and instructions, warranties and other terms and conditions.

Pre-printing standard fields, as in the example to the right, is especially valuable for mobile printing because it can extend battery life by reducing the printer workload.



# Choose the Thermal Printer that is Perfect for Your Needs

## PRINTING SOLUTIONS FOR THE MOBILE WORKFORCE

Whether you're printing barcodes, labels, receipts or tickets, we make it easy to compare Zebra mobile printer features, performance and cost. Our Premium line will keep you printing in even the most challenging, high volume environments. Rely on our Midrange printers for moderate volume, less demanding applications. And our Value class is an ideal lower volume, lower cost solution.



### **PREMIUM** QLn Series

Lightweight, drop resistant and user friendly, QLn mobile printers are ideal for warehousing, shipping and receiving, and merchandising. Use them to print barcode labels, receipts and other documents exactly when and where they're needed. The Link-OS® technology makes them easy to integrate, manage and maintain from a PC, smartphone or tablet, anywhere in the world.



### **RUGGED PREMIUM** ZQ500 Series

The industry's most rugged mobile printers that can withstand repeated drops to concrete from 6.6' (2m). With an IP54 rating, they are protected from liquid and solid ingress, plus have a Mil-Std 810g rating for shock and drop. Large buttons and a user-friendly interface are easy to operate, even when wearing gloves. Zebra's Link-OS makes them simple to integrate, manage and maintain.



### **MID RANGE** iMZ Series

These mid-range printers have the features you need, in the design you want, for the price you can afford. With the latest connectivity options, the iMZ printers are perfect for applications both inside and outside the four walls. With the small, stylish design, they work well in customer facing environments and are compatible with the latest smartphone and tablet operating systems.



### **VALUE** ZQ110 Mobile Printers

These affordable 2-inch mobile printers produce receipts and tickets on demand and on the go. Although they print at speeds up to 3.5 inches-per-second, they slip easily into a pocket and weigh only eight ounces. The "sleep mode" helps to conserve battery power, and they connect wirelessly to a range of Apple, Android and Windows devices.

# Zebra OneCare

## SERVICES THAT MAXIMIZE THE AVAILABILITY AND PRODUCTIVITY OF YOUR ZEBRA PRINTERS

Every day, your Zebra printers help you streamline your business processes to improve overall operational efficiency and accuracy, drive down the cost of doing business and increase workforce productivity. Availability of your printers is key to the success of your business and the return on your Zebra printer investment. Now, with Zebra OneCare services, you can ensure that your Zebra Mobile, Tabletop, Desktop, Card and Kiosk printers achieve maximum uptime and peak performance. You get unmatched support, right from the manufacturer — from experts that offer unparalleled product knowledge. With three service levels to choose from — Essential, Select and Premier — you'll find a Zebra OneCare offering that will meet your service requirements and your budget. And with global coverage, we're ready to meet your support needs, no matter where in the world your business is located.

### Get the service level you need.

Essential and Select offer software updates and upgrades, varying levels of hardware support, technical support and repair turnaround times, plus numerous options to customize your service requirements to best meet your business needs. Our Premier service is fully customizable, allowing you to create a service package that meets the unique needs of your business. All of these support services can be purchased within 30 days of your equipment purchase.

### If it's broken, we fix it.

Our Zebra OneCare services are truly comprehensive. Worn out printheads? Damaged platen rollers? Broken display? Our plans cover it all, including normal wear and tear and accidental damage. While Zebra's hardware Warranty covers defects in workmanship and materials, with Zebra OneCare for Printers, if it's broken, we'll fix it. And when you need to return a device, we make it fast and easy — return requests can be initiated online, anytime of the day or night.

### Get unparalleled from-the-manufacturer expertise.

Our experienced technical support experts can help you with virtually any issue on any Zebra printer, providing swift resolution of issues to minimize the impact on your business. And our experts speak your language — with 16 available languages, we're ready to support associates in just about every corner of the world.

For more information, visit [www.zebra.com](http://www.zebra.com)



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