Zebra Mobile Receipt & Document Solutions for the Mobile Workforce

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 tested and approved by the Zebra Supplies Research & Development Department to meet your application's durability, image quality, and archival requirements, as well as your budget. Zebra can also pre-print your company logo, instructions, terms and conditions and other information, allowing you to maximize the functionality of your receipts and documents.

mobile receipt & document solutions from Zebra are 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 194º F (90º 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.
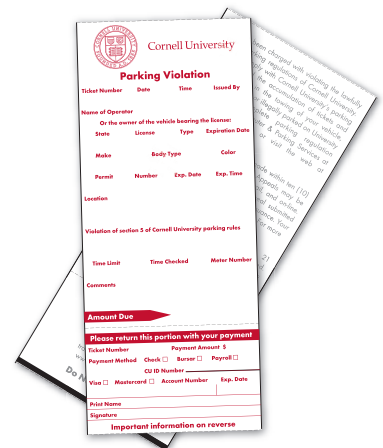
Archivability

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 77º F (25º 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.

Getting More from Your Document

Another consideration is whether you want to purchase blank material or have it pre-printed with your company logo, watermarks, fields or other text. Including a company logo or other graphics is an easy way to make your document stand out and reinforce your company image. Watermarks are a great security feature that can reduce counterfeits. Documents can also be pre-printed with return policies and instructions, warranties and other terms and conditions. Preprinting 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.

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.

Genuine Zebra™ Supplies

The selection of materials approved by Zebra's Supplies R&D Department to meet your durability, image quality and archival requirements include the six shown below. 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.

LOWEST COST PER FOOT				HIGHEST COST PER 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**
Premium: Standard, premium paper—excellent quality, low cost	**Heavy duty:** Premium thicker paper—improved durability and feel	**Exceptional resistance:** Thicker top-coated paper—exceptional long-life durability and resistance	**Heat resistant:** Premium thicker top-coated paper—withstands high temperatures	**Waterproof & tearproof:** Thicker, top-coated, synthetic, waterproof material and tearproof
MATERIAL Paper	Paper	Paper	Paper	Polypropylene
TOPCOATED No	No	Yes	Yes	Yes
THICKNESS 2.4 mil	3.5 mil	3.2 mil	3.2 mil	3.8 mil
ARCHIVABILITY 10 years*	10 years*	25 years*	20 years*	10 years*
SENSITIVITY Medium	High	High	N/A	High
MOISTURE RESISTANCE No	No	Yes–Limited**	Yes–Limited**	Yes
CHEMICAL RESISTANCE No	No	Yes–Limited	Yes–Limited	Yes–Limited
SCRATCH RESISTANCE No	No	Yes	Yes	Yes
SERVICE TEMPERATURE -40º F to 140º F (-40º C to 60º C)	-40º F to 140º F (-40º C to 60º C)	-40º F to 140º F (-40º C to 60º C)	-40º F to 194º F (-40º C to 90º C)	-40º F to 140º F (-40º C to 60º C)
OUTDOOR APPLICATIONS 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 conditiions.

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

Printers

Zebra's broad range of mobile receipt printers work on-site, on-demand to keep your business on the go. Wireless mobile printing has never been easier!

EM 220™ Printer

Quickly and easily print 2" receipts on demand with the ultra-small EM 220 mobile printer. This lightweight, ergonomically designed printer with optional Bluetooth® and magnetic card reader will enable you to accept credit cards at the point of service and within customer sight. The EM 220 is perfect in customer-facing environments or when users will be wearing the printer for long periods. It offers low cost, easy integration and flexibility—with the quality and service you've come to expect from Zebra.

MZ™ Series Printers

Get the benefits and value associated with Zebra with the MZ series of economical 2" and 3" receipt printers. Each small MZ printer can be a smart assistant for mobile receipt printing applications where you need quick, simple receipts on demand. Use Bluetooth to connect to a handheld or smart phone device and produce crisp, clear receipts! The MZ series is ideal for retail, hospitality, and route accounting applications.

RW™ Series Printers

Designed for the Road Warrior, the RW series of mobile printers is ideal for printing 2" – 4" delivery receipts, invoices and other documents on the go. Its modular design allows users to choose among wireless options, card readers, and integral accessories such as vehicle mounts for simplified mobile printing. Its convenient vehicle mounting and charging options, as well as its user-intuitive interfaces and angled display, allow for easy use while on the go! The RW series meets the stringent IP54 dust and water resistance rating and can withstand the harsh demands of a number of route accounting and field service printing applications, including: Invoices, delivery receipts, service estimates, sales orders, and inventory management.

RW 420™ Print Station

This price-competitive mobile workforce tool with built-in, easy-to-use RW 420 mobile printer holds your choice of a Motorola® MC70 or MC75 removable mobile computer. Mobile workers can easily carry the streamlined RW 420 Print Station via shoulder or hand strap to customer visits—where they can rest the unit on their arm to enter data, conduct transactions via the optional magnetic stripe card reader, and print receipts and other documents. They'll carry less, do more! In addition, both the printer and mobile computer can charge simultaneously via a single source. Combined with one of Zebra's many charging options, this feature saves you money, saves space in the vehicle or settlement/field service dispatch center, and saves users time.

Service

Reduce the cost of printer downtime due to lost productivity and unbudgeted repair costs by selecting a ZebraCare™ Depot service agreement. ZebraCare service agreements allow you to:

• Plan and budget annual service needs.
  » Downtime can cost **100 to 10,000 times** more than a service contract.
  » Purchase orders can cost between $40 and $98 to create, manage, and fulfill, not to mention the amount of the purchase order itself.
• Reduce the soft costs associated with printers that are down and need repair, and increase uptime.
  » ZebraCare ensures your printer is repaired in a timely manner, thus reducing the impact on your business operations.
• Choose the service option right for your company.
  » Whether you value quick turnaround time, having a pool of maintained inventory for replacement purposes, or free firmware upgrades, Zebra offers a plan that will fit your budget and business needs.

Our ZebraCare maintenence agreement offering includes:
• Labor and genuine Zebra parts (excluding printheads, accessories and batteries)
• Cleaning & adjustment
• Preventative maintenance
• Quick turnaround time
• Comprehensive option (includes printheads and covers physical damage or abuse)