

Zebra® mobile receipt and document solutions for the mobile workforce



SEE MORE. DO MORE.



Produce high-quality clear 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 archive requirements, as well as your budget. Zebra can also pre-print your company logo, instructions, terms and conditions and other information, allowing you to maximise the functionality of your receipts and documents.

Mobile receipt and document solutions from Zebra are ideal for:

- Delivery manifests
- Proof-of-delivery documents
- Invoices
- Payment receipts
- Pick lists
- Many other documents

The Zebra mobile-printer family

Zebra's mobile-printing portfolio offers a range of features such as water-resistance, advanced connectivity and even RFID mobile solutions.

▶ For more information, visit www.zebra.com or e-mail mseurope@zebra.com

Things to consider when selecting the 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 when considering material type, to ensure documents remain intact and readable during their useful life.

Heat

As 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, a product with higher temperature-resistance may be required. For applications requiring extreme heat resistance, Zebra can offer materials that withstand up to 90°C.

Moisture

Most paper materials on the market have limited resistance to moisture and will degrade once subjected to it. Certain paper grades offer more moisture-resistance than others and for applications involving high water exposure, synthetic products are available.

Thickness

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

Archivability

To achieve the maximum-possible image lifespan, documents need to be stored with compatible materials in a dark place with relative humidity between 45 and 65 per cent, and temperatures below 25°C.

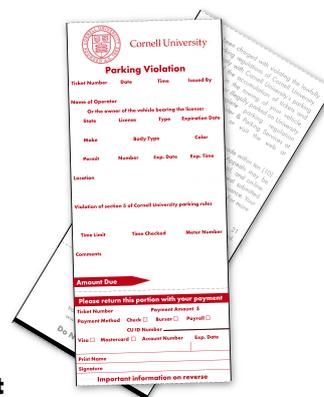
Topcoating

One of the biggest differences between thermal papers is their coatings, which are invisible to 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 against external influences.

Getting more from your document

Another consideration is whether you want to purchase blank material or have it preprinted with your company logo, watermarks, headings 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 preprinted with returns 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 those 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 has a wealth of experience in the direct-thermal arena and knows which products work best in its printers. We use inks, varnishes, tooling, equipment and inspection techniques specifically suited for the special requirements of thermal materials.

Zebra is ISO 14001-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 high-quality performance.



	Z-Perform™ 1000D 60 Receipt	Z-Perform 1000D 80 Receipt	Z-Select™ 2000D 60 Receipt	Z-Select 2000D 80 Receipt	Z-Perform 1000D 110 Tag
	Premium economy: Standard, premium paper – excellent quality, low cost	Premium economy: Standard thicker paper – improved durability and feel	Excellent resistance: Top-coated paper – improved print quality and environmental resistance	Excellent resistance: Thicker top-coated paper – improved print quality and environmental resistance	Heavy duty: Thicker paper for applications requiring improved look and feel
Material	Paper	Paper	Paper	Paper	Paper
Topcoated	No	No	Yes	Yes	No
Thickness	60 microns	83 microns	60 microns	85 microns	112 microns
Archivability	5 years*	5 years*	12 years*	12 years*	5 years*
Sensitivity	Medium	High	High	High	High
Moisture-resistance	No	No	Yes – limited**	Yes – limited**	No
Chemical-resistance	No	Yes – limited	Yes – limited	Yes – limited	No
Scratch-resistance	No	No	Yes	Yes	No
Service temperature	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
Outdoor applications	No	No	No	No	No

* The thermal image will remain legible for the archive life providing 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.

Mobile printers and service

Zebra's 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 802.11g or Bluetooth to connect to a handheld or smart-phone device and produce crisp, clear receipts. The MZ series is ideal for retail, hospitality and mobile-workforce applications.

RW™ series printers

Designed for the travelling workforce, 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, which simplify 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 field-sales and -service printing applications, including: invoices, delivery receipts, service estimates, sales orders and inventory management.

Service

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

- Maximise uptime and productivity
- Ensure swift hardware repairs by Zebra printer specialists
- Keep you updated with engineering information
- Eliminate your inventory of parts
- Maximise printer reliability and operating efficiency
- Improve planned budgetary control

Our ZebraCare maintenance agreement offering includes:

- Labour and genuine Zebra parts (excluding printheads, accessories and batteries)
- Cleaning and adjustment
- Preventative maintenance
- Quick turnaround time
- Comprehensive option (includes printheads)



EM 220 printer



MZ series printers



RW series printers

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