

**ZEBRA**

Transportation and Logistics Labeling Solution

Speed up the flow of goods

As the demand for online orders and same-day deliveries continue to spiral, so too does the pressure to move more item-level goods in less time. High volume brings high complexity that leaves zero room for mistakes and delays. Yet, that's exactly what inferior printing supplies cause.

Faded or smeared labels prevent scanning, wasting valuable time to stop and reprint. Worse still are labels that fall off because they aren't made to stick in extreme—albeit real-life—work conditions. The result is disruption that can cost you more than sluggish productivity.

The fact is that labels should do more than store data. They should improve business-critical tasks. **With Zebra Certified Supplies, they will.**

**\$4.5 trillion**

online global
retail sales by 2021¹

78%

of logistic firms
expect to offer
same-day deliveries²

FACT SHEET

TRANSPORTATION AND LOGISTICS PRINTING SUPPLIES

Cross out mistakes at cross-docking

Getting the right product to the right location can be a struggle when labels are black and white. They're hard to read, sort, and identify when they're on the wrong pallet. That can be particularly challenging for workers whose first language isn't English.

Reduce sorting time and errors. Quickly and easily verify accuracy with color. No language required. Zebra's innovative IQ Color 2000D instantly communicates where the package should be and notifies staff of errors at a glance. This innovative label offers color on demand. The color appears if that portion of the label is heated during the printing process. No need to output multiple colors on multiple printers. IQ Color does it all from a single printer, streamlining the process. Use it in novel ways. Apply color to a shape on labels and paint that same, colored shape on the floor, next to its corresponding pallet. Consider it one way Zebra Certified Supplies puts distance between you and errors.

IQ Color 2000D:
Go from Red to Green

1% improvement
in speed = **\$1000s**
in savings

Outdoor and warehouse inventory identification

Snow and ice. Blazing heat, humidity and rain. Dirt and dust. These are the enemies of inadequate thermal transfer labels. They simply can't weather the elements. And that means these labels and barcodes won't be there when you need them. What's more, they require a thermal ribbon, which can add time and confusion to your already busy schedule.

By comparison, **Zebra's Thermalock™ 4000D** doesn't need a ribbon to give you the ease you want and the durability you need. Engineered to perform in frigid cold, searing heat and jungle-like humidity, this is one tough label. Waterproof. Tearproof. Failproof. Count on it to last 18 long months, giving you a crisp, clear readout every time.

Shipping

By the time you print, fold and insert a packing list into a peeled envelope, you could have labelled more than two packages. That's because Zebra's Z-Slip slashes 29 seconds from the process. Multiply that by 1,000 boxes per day, and you've gained 2,000 hours per year—a significant rise in efficiency. Just print and apply this all-in-one packing slip.

How Much Time is Wasted on Packing Slips?

	Conventional label		40 seconds		Z-Slip		11 seconds
---	---------------------------	---	-------------------	--	---------------	---	-------------------

1,000 packages/day = 2,000 hours saved a year

FACT SHEET

TRANSPORTATION AND LOGISTICS PRINTING SUPPLIES

Overview of transportation and logistics supplies

Zebra Certified Supplies give every piece of inventory and asset a digital voice. It's how goods get sorted, shelved, picked, and shipped. With so much riding on the performance of your printing supplies, make sure they adhere to the highest standard.

Multipurpose Multi-taskers

Quickly label goods coming and going. Ensure items remain identifiable from dock to stock. They will if you use Zebra's high quality, durable material. They'll stay on and stay legible, so you can stay on schedule.

Material Name	Material Type	Adhesive	Environment	Ribbon
Z-Perform™ 1000D	Direct thermal uncoated paper	Permanent acrylic adhesive	<ul style="list-style-type: none"> Limited resistance to moisture or abrasion 40°F to 140°F -20°C to 80°C 	n/a
Z-Select 2000D	Direct thermal coated paper label	All-temp acrylic adhesive	<ul style="list-style-type: none"> 65°F to 131°F -20°C to 80°C 	n/a
Z-Perform 1000T	Thermal transfer paper label	Permanent acrylic adhesive	<ul style="list-style-type: none"> 0°F to 180°F -20°C to 80°C 	Standard Application 2300

Cross-Docking

Route the right package to the right pallet, so it arrives at the right location. With Zebra, sorting is easier and scanning guaranteed. From standard paper labels to print-on-demand, color-coded material, accuracy and speed are a given with Zebra supplies.

Material Name	Material Type	Adhesive	Environment	Ribbon
IQ Color 2000D	Direct thermal paper label	Permanent acrylic adhesive	<ul style="list-style-type: none"> Limited resistance to moisture or abrasion 65°F to 120°F -54°C to 49°C 	n/a

Outdoor Inventory

The great outdoors is often not great for inventory identification. Labels that can withstand a wide range of temperature and the most inclement of weather are an absolute necessity. Thankfully, outdoors is where Zebra thrives.

Material Name	Material Type	Adhesive	Environment	Ribbon
PolyPro 3000T Gloss	Direct thermal gloss polypropylene	Permanent acrylic adhesive	<ul style="list-style-type: none"> Some resistance to moisture and abrasion: -20°F to 212°F -29°C to 100°C 	6200* or 5095**

*Available in NA, LA & APAC

**Available in EMEA

FACT SHEET

TRANSPORTATION AND LOGISTICS PRINTING SUPPLIES

Warehousing Racking

Warehouses are often rough, hectic places, challenging the hardest of labels. Meet the challenge of warehouse rack identification with easily scannable labels that stand tough for up to 18 months. Durability delivered by Zebra.

Material Name	Material Type	Adhesive	Temperature	Ribbon
Thermalock™ 4000D	Direct thermal, silver, gloss polypropylene label	Permanent acrylic adhesive	<ul style="list-style-type: none"> Resistant to moisture 65°F to 248°F 18.33°C to 120°C 	n/a
Z-Ultimate 3000T White	Thermal transfer, gloss white polyester label with general purpose permanent adhesive for location identification	Permanent acrylic adhesive	<ul style="list-style-type: none"> Resistant to tearing, water, abrasion and moderate/harsh chemicals and solvents. -40°C to 150°C 	4800/5095/5100

Direct Store Delivery

Receipts are useless if they're unreadable. Ensure proper identification and dependable documentation for up to 10 years with resilient paper. Keep your receipt readable with Zebra.

Material Name	Material Type	Archivability	Temperature	Ribbon
8000D	Direct thermal uncoated paper	10 years	• 4.44°C to 60°C	n/a

Shipping

Shipping depends on knowing who, what and when. Successful shipping happens only when both item and destination are easily identified by remarkably readable, durable labels that withstand the rigors of the road, sea, and air—getting goods where they need to go on time, every time. It happens when Zebra's along for the ride.

Material Name	Material Type	Adhesive	Temperature	Ribbon
Z-Slip	Direct thermal paper tag combined with a clear polypropylene label	Permanent acrylic adhesive	<ul style="list-style-type: none"> Resistant to moisture, abrasion, as well as weak, moderate, harsh and extreme chemicals -29°C to 55°C 	n/a

Zebra Certified Supplies: consistently exceptional and exceptionally consistent.

Purchasing Certified Zebra Supplies means you consistently get quality supplies with high performance you can rely on. It means never having to worry about thermal printing supply issues interrupting your operations and impacting customer satisfaction.

FACT SHEET

TRANSPORTATION AND LOGISTICS PRINTING SUPPLIES

Consistently Outstanding Quality

We apply thoughtful care and meticulous engineering to every label and ribbon we produce. It is about ensuring consistently high performance for your Zebra printers and applications.

- Once we spec in a material or ribbon formulation, we never substitute it for any reason.
- Zebra extensively tests all the materials and ribbons we offer in Zebra printers, including production trials, print quality, printer wear and tear and application testing, to ensure premium craftsmanship.
- We are ISO 9001:2015 certified.

Exceptional Service

One of the largest and most experienced thermal label convertors in the world, Zebra has the size, scale, and infrastructure to provide unparalleled service for all your Zebra printing supply needs.

- With six label manufacturing facilities globally, we're able to produce and ship orders quickly, so you get the printing supplies you need, when and where you need them.
- Zebra can consult with you to design, produce and deliver custom printing supplies to meet unique needs.
- Zebra offers one of the largest range of UL/cUL-certified label and ribbon combinations. In addition, we are authorized to pre-print the UL mark.

ZEBRA CERTIFIED SUPPLIES

Exceptionally Consistent and Consistently Exceptional

1



We sift through thousands of available media options.

2



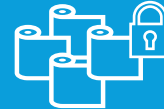
Our R&D experts select, convert and rigorously test all materials.

3



We certify only those offering the best thermal printing performance.

4



We never substitute raw materials, so our customers get consistent quality.

Sources: 1. Statista, 2018 2. The Future of Fulfillment Vision Study, Zebra 2018

For more information, visit www.zebra.com/supplies



NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
+1 847 955 2283
la.contactme@zebra.com

©2018 ZIH Corp and/or its affiliates. All rights reserved. ZEBRA and the stylized Zebra head are trademarks of ZIH Corp, registered in many jurisdictions worldwide. All other trademarks are the property of their respective owners.

09/27/2018