



# Unique Identification (UID) Labeling Solutions



## UID Labeling Solutions

The visibility provided by UID enables the electronic capture of information about every component of even the most complex military systems throughout their entire life cycle, whether in deployment, transport, storage, or repair. The intelligent data made available to asset managers in this way can support all aspects of property use and maintenance, making knowledge-enabled logistics and reporting a reality.

### Barcode labeling saves money

Even the DoD suggests that inexpensive barcode labeling is right for more than 80 percent of mandated items. Zebra's thermal transfer labeling solution is your easiest-to-use, lowest-cost UID marking alternative to expensive direct part marking, laser etching or data plates.



### Zebra's UID solution in 1-2-3

- 1** Zebra® thermal transfer printers are extremely durable and reliable for nonstop, mission-critical environments. Choose from a range of print widths, speeds and print resolution for printing everything from tiny electronic-component labels to wide-web pallet and drum labels.
- 2** Zebra Certified Supplies have been independently tested to ensure compliance with the DoD's requirements for UID labeling under MIL-STD-130, MIL-STD-129, and MIL-PRF-61002B. Zebra's synthetic label materials will provide lifetime identification even for items exposed to challenging, hazardous environments. Our labels won't fall off, dry up, wear off or curl up.
- 3** ZebraDesigner™ Pro label design software makes it easy to format new labels—or reformat your current product identification or shipping labels.

# UID Solution Supplies Selector Guide

Media and Ribbon Combination	Ribbon Type	Material Description	Adhesive Types	Minimum Application Temperature	Service Temperature	Surface to be Labeled	Environment	Resistance	Compliant to Mil PRF 61002B
Z-Ultimate® 4000T White with 5100 Ribbon	Resin	Gloss Polyester	Permanent Acrylic	50° F 10° C	-40° F to 302° F -40° C to 150° C	Corrugate, Paper, Packaging Films, Metal, Glass	Indoor Outdoor up to 3 years	Moisture, Abrasion, Weak-to-Moderate Chemicals	Type II, Grade A B and C, Style 1, Composition b
Z-Ultimate 4000T Silver with 5100 Ribbon	Resin	Gloss Polyester	Permanent Acrylic	50° F 10° C	-40° F to 302° F -40° C to 150° C	Corrugate, Paper, Packaging Films, Metal, Glass	Indoor Outdoor up to 3 years	Moisture, Abrasion, Weak-to-Moderate Chemicals	Type II, Grade A B and C, Style 1, Composition b
Z-Xtreme™ 5000T with Image Lock™ Ribbon	Resin	Matte Polyester	High-Tack Permanent Acrylic	50° F 10° C	-40° F to 302° F -40° C to 150° C	Corrugate, Paper, Packaging Films, Metal, Glass	Indoor Outdoor up to 3 years	Moisture, Abrasion, Weak-to-Moderate Chemicals	Type II, Grade A B and C, Style 1, Composition b
8000T Ultra High-Tack Matte with 5095 Ribbon	Resin	Matte Polyester	High-Tack Permanent Acrylic	40° F 4° C	-20° F to 302° F -29° C to 150° C	Corrugate, Paper, Packaging Films, Metal, Glass, Rough Surfaces	Indoor Outdoor up to 3 years	Moisture, Weak-to-Moderate Chemicals	Type II, Grade A B and C, Style 1, Composition b
PolyPro™ 4000T with 5095 Ribbon	Resin	Matte Polypropylene	Permanent Acrylic	10° F -12° C	-40° F to 250° F -40° C to 121° C	Corrugate, Paper, Packaging Films, Metal, Glass	Indoor Outdoor up to 2 years	Moisture, Weak-to-Harsh Chemicals	Type II, Grade A B and C, Style 1, Composition b
8000T Image Lock with Image Lock Ribbon	Resin	Polyolefin	Permanent Acrylic	50° F 10° C	-112° F to 248° F -80° C to 120° C	Corrugate, Paper, Packaging Films, Metal, Glass, Curved Surfaces	Indoor Outdoor up to 5 years	Moisture, Abrasion, Weak-to-Harsh Chemicals	Type II, Grade A B and C, Style 1, Composition b
Z-Endure™ 4000T with 5100 Ribbon	Resin	Semi-Gloss Acrylic	Permanent Acrylic	50° F 10° C	-40° F to 302° F -40° C to 150° C	Corrugate, Paper, Packaging Films, Metal, Glass	Indoor Outdoor up to 10 years	Moisture, Abrasion, Weak-to-Moderate Chemicals	Type II, Grade A B and C, Style 1, Composition b
8000T Piggyback Clear Matte with 5586 Ribbon	Wax-Resin	Gloss / Matte Polyester Combination	Permanent Acrylic	50° F 10° C	-40° F to 302° F -40° C to 150° C	Corrugate, Paper, Packaging Films, Metal, Glass	Indoor Outdoor up to 3 years	Moisture, Abrasion, Weak-to-Harsh Chemicals	Type II, Grade A B and C, Style 1, Composition b

## Zebra OneCare Service

Increase printer uptime, and reduce lost productivity and unbudgeted repair costs by selecting a Zebra OneCare service agreement. A cost-effective means of planning and budgeting your annual maintenance expenditures, your agreement ensures that trained Zebra technicians will bring your printer back to factory specifications. Zebra offers a variety of plans to fit your budget and business needs.

### Print Confident. Print Quality. Print Zebra.

As one of the largest and most experienced thermal label convertors in the world, Zebra can recommend and create a labeling solution to meet the requirements of your unique environment - ensuring your assets remain identifiable throughout their life. With Zebra Certified Supplies, you will receive consistent performance - crisp, readable and scannable barcode labels that last in your environment - we pretest all materials and never substitute.

# It's easy to find the perfect printer with this UID Solution Printer Selector Guide

Model and Description	Maximum Print Width	Resolution (dots / inch)	UID	MIL-STD-130	MIL-STD-129	RFID
<b>ZT600 Series</b> — The next generation Xi series, these printers have more intelligence and industrial brawn for 24/7 reliability in the harshest environments.	ZT610: 4" ZT620: 6.6"	203 300 600 (ZT610 only)	•	•	•	•
<b>ZT400 Series</b> — Designed for durable, reliable printing in tough environments. The ZT400 Series printers are easy to use and loaded with advanced features.	ZT411: 4" ZT421: 6.6"	203 300 600 (ZT411 only)	•	•	•	•
<b>220Xi4</b> — Built for high-volume and harsh environments offering printing pallet, chemical drum and other wide label applications.	8"	203 300	•	•	•	
<b>ZD621R</b> — RFID printing and encoding in a compact footprint, with full-color LCD touch display and intuitive menu.	4"	203 300	•	•	•	•



For more information, visit [zebra.com/barcodesupplies](https://zebra.com/barcodesupplies)



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