



Direct Product Identification Labeling Solutions

Durable labels that ensure compliance and meet customer requirements

Product identification labels are critical for maintaining compliance, meeting customer requirements and improving operational efficiency. They help you keep the process running smoothly as operations-critical data moves throughout your organization. Identification labels are the final link between your company, customers and regulators.

It is, therefore, essential that those labels remain readable and scannable well after they leave your operation, throughout the products lifespan and their safe and appropriate disposal. **If something goes wrong with your printing supplies, operations are interrupted, productivity and efficiency suffer, and costs rise due to:**

- The need to re-print labels and service your printers more often
- Premature printhead failure
- Increased IT calls
- Non-compliance with regulations and/or failure to meet customer's requirements



47% of manufacturers experience costly downtime due to product labeling issues

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 or impacting customer satisfaction.

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 a number of locations 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 selections 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.

Product identification material overview

The thousands of thermal materials and ribbons in the market have varying temperature, environmental and chemical resistance. Adhesive performance also varies based on the surface type and shape. Zebra offers a wide variety of label and ribbon combinations to identify products directly that enables you to maintain compliance. We can create labels in any size and configuration, as well as pre-print static information and branding.

Medical Devices



Ensure UDI compliance. Class I, II and III Medical Devices distributed in the United States must carry a unique device identifier, or UDI, as per the Food and Drug Administration (FDA). The compliance dates for this regulation are as early as September 24, 2014 for Class III Medical devices and as late as September 24, 2020 for Class I Medical Devices. Zebra offers solutions that are resistant to hospital cleaning agents, Steam Autoclave, Gamma Radiation, Ethylene Oxide sterilization. Plus, we offer labels that are UL 60601 & IEC 60601-1

Material Name	Material Type	Key Features	Chemical Resistance	Ribbon
PolyPro 4000T	Matte Kimdura polypropylene label	Excellent Print Quality and Durability at a Economical price; Withstands ETO & Gamma Sterilization	Aisopropyl alcohol, bleach and additional healthcare cleaning agents	4800
Z-Ultimate 2000T	Gloss polyester label. Available in white	UL approved; Scratch Resistant; Withstands Steam Autoclave, Gamma Radiation, Ethylene Oxide Sterilization	Aisopropyl alcohol, bleach and additional healthcare cleaning agents	6200/5095
Z-Ultimate 3000T (EMEA only)	Gloss polyester label	Provides outstanding print quality and unparalleled smear and scratch resistance	Aisopropyl alcohol, bleach and additional healthcare cleaning agents	5095/5100
Z-Ultimate 4000T	Gloss polyester label	UL 969 & UL/IEC 60601-1 for electronic medical devices; Withstands Steam Autoclave, Gamma Radiation, Ethylene Oxide Sterilization	Aisopropyl alcohol, bleach and additional healthcare cleaning agents	5100
Z-Xtreme™ 4000T	Matte polyester label	UL 969 for electronic medical devices; Withstands Steam Autoclave, Gamma Radiation, Ethylene Oxide Sterilization	Aisopropyl alcohol, bleach and additional healthcare cleaning agents	5095
Z-Xtreme 5000T	Matte polyester label	Offers great print quality while also providing extreme chemical resistance. Use this synthetic material for applications that require resistance against the harshest chemicals	Aisopropyl alcohol, bleach and additional healthcare cleaning agents	Image Lock

Medical Devices



An assembled car contains over 30,000 components. The components are required to be identified so that if a problem arises during the life of an automobile, it can be easily verified what vehicles have the problem components to support recalls and notifications to automobile owners. Automobile manufacturers are responsible for notifying automobile owners of problems with an automobile. Therefore, they require manufacturers who provide the components to ensure that they are clearly identifiable not only at the time of installation but also throughout the life of the automobile, requiring labels to meet strict durability requirements.

Material Name	Material Type	Key Features	Chemical Resistance	Ribbon
PolyPro 3000T Matte	Matte polypropylene label. Available in white	Excellent Chemical Resistance & Excellent performance on curved surface	Fam Test Fuel, Diesel Fuel, Anti-freeze, Engine Oil, Acetone, Cleaning Solvents, Oils/Grease	6200
Z-Ultimate 2000T	Gloss polyester label. Available in white	UL Approved. Scratch & Moderate Chemical Resistance Gloss Finish	Anti-freeze, Engine Oil, Oils/Grease	6200/5100
Z-Ultimate 3000T	Gloss polyester label. Available in silver.	Provides outstanding print quality and unparalleled smear and scratch resistance.	Anti-freeze, Engine Oil, Oils/Grease	6200/5100
Z-Ultimate 4000T Resist	Gloss polyester label. Available in white	Harsh Chemical and Scratch Resistance, Good performance on curved surface	Brake Fluid, Anti-freeze, Engine Oil, Acetone, Cleaning Solvents, Oils/Grease	6200
Z-Xtreme 4000T	Matte polyester label. Available in white & silver	Harsh Chemical resistance, Matte Finish	Anti-freeze, Engine Oil, Oils/Grease	6100/6200
Z-Xtreme 5000T	Matte polyester label. Available in white	Harsh Chemical resistance, Matte Finish	Anti-freeze, Engine Oil, Oils/Grease	Image Lock

Circuit Boards



Circuit boards used in electronic equipment must withstand exposure to some of the most extreme manufacturing conditions. Zebra offers solutions that withstand extremely high temperatures and harsh pressurized solvents, without igniting, blackening, fading, or peeling off.

Material Name	Material Type	Key Features	Chemical Resistance	Ribbon
PolyPro 3000T Matte	Matte polyimide label. Available in white	Temperature Resistance Chemical Resistance - Best overall Value	Moderate to Extreme	6200
Z-Supreme 3100T (EMEA only)	Gloss polyimide label. Available in white	Temperature Resistance Chemical Resistance	Moderate to Extreme	5100
Z-Supreme 4000T	Gloss polyimide label. Available in white	Temperature Resistance Chemical Resistance	Moderate to Extreme	5100

Medical Devices



There are thousands of electronics devices that require identification. Not only are the finished goods identified, but many of the small components within them require identification. No matter the size of the label needed, Zebra can offer solutions as small as 1/4" x 1/4" to meet the requirements of your application. With over 60 UL/cUL-certified label and ribbon combinations and authorization to pre-print the UL mark, Zebra can provide you with a solution to meet UL requirements.

Sub-Segment	Label Material	Material Type	Key Features	Ribbon
Electronics Components ie. lighting, semi conductor, integrated circuits, microprocessors	Z-Supreme™ 2000T* (North America and LATAM only)	Gloss polyimide label. Available in white	UL recognized, Resistant to high temperatures Excellent chemical resistance	6200
	Z-Supreme 3100T (EMEA only)	Gloss polyester label	UL recognized, Standard temperature resistance, Fits a wide range of solutions at a competitive price	5100
Computer and Office Equipment ie. computerhardware, peripherals	Z-Xtreme 5000T	Harsh Chemical resistance, Matte Finish	Anti-freeze, Engine Oil, Oils/Grease	Image Lock
	Z-Xtreme 4000T	Matte polyester label. Available in white & silver	UL recognized, Excellent chemical resistance Matte finish	6200
	Z-Ultimate 2000T* (North America and LATAM only)	Gloss polyester label. Available in white	UL recognized, Gloss finish, Moderate chemical resistance, Scratch & outdoor resistance	6200
	Z-Ultimate 4000T	Gloss polyester label	UL recognized, Stronger and more durable adhesive, Gloss finish	5100
Telecommunications Communication equipment and services	Z-Ultimate 2000T* (North America and LATAM only)	Gloss polyester label. Available in white	UL recognized, Gloss finish, Moderate chemical resistance, Scratch & outdoor resistance	6200
	PolyPro™ 3000T Matte	Matte polyester label. Available in white	Indoor use. Resistant to low temperatures	3200
	PolyPro 3000T High-Tack	Matte polypropylene label	Indoor use. High initial adhesive tack	3200

FACT SHEET

DIRECT PRODUCT IDENTIFICATION LABELING SOLUTIONS

Consumer Electronics ie. Household appliances, audio	Z-Xtreme 4000T	Matte polyester label. Available in white & silver	UL recognized, Excellent chemical resistance, Matte finish	6200
	Z-Ultimate 2000T* (North America and LATAM only)	Gloss polyester label. Available in white	UL recognized, Gloss finish, Moderate chemical resistance, Scratch & outdoor resistance	6200
	Z-Ultimate 4000T	Gloss polyester label	UL recognized, Stronger and more durable adhesive, Gloss finish	5100
Industrial Electronics Electronic components and systems for industrial environment	Z-Xtreme 4000T	Matte polyester label. Available in white & silver	UL recognized, Gloss finish, Moderate chemical resistance, Scratch & outdoor resistance	6200
	Z-Ultimate 2000T * (North America and LATAM only)	Gloss polyester label. Available in white	Indoor use. Resistant to low temperatures	3200
	8000T Piggyback Clear Matte	Piggyback matte polyester label. Available in Clear	Moderate chemical resistance, Apply label and reapply to another surface	3200

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



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