



Zebra® Supplies Selector Guide

Media and Ribbons Optimized for Zebra Printers

Why choose Genuine Zebra Supplies?

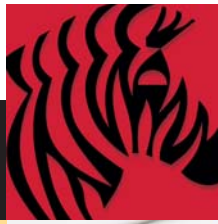
There are thousands of different types of thermal media available, but Zebra's labels, tags, wristbands, and ribbons are specifically engineered to optimize performance with Zebra printers. Like Zebra printers, Genuine Zebra Supplies are made to a higher standard to deliver consistent quality and performance.

- We make Genuine Zebra Supplies exclusively for Zebra printers.
- All materials are tested and approved by Zebra's Supplies research and development staff to provide optimal performance in Zebra printers.
- We offer a wide range of materials to support the many applications of Zebra printers.
- Our ZipShipSM program offers you immediate shipment on a large selection of stock labels, tags, wristbands, and ribbons, for Zebra tabletop, desktop, and mobile printers.
- With Genuine Zebra Supplies, you'll minimize wear and tear on your printhead, reducing maintenance costs.
- Our Quality Management System, which is registered to the internationally recognized ISO 9001:2000 standard, ensures you'll always receive consistent, quality products.
- Have a new or unique application? We'll find the best solution through our dedicated R&D capabilities.

With more than 1,000 combinations of high-quality and reliable labels, tags, wristbands, and ribbons, Zebra has a media solution for virtually any application. Whether you're facing shipping, electronic component manufacturing, prescription labeling, or even electronic citation applications, Zebra and our certified partners can provide an in-stock or custom-made solution for you.



Zebra Supplies Selector Guide



ORDERING OPTIONS AND PROGRAMS

Zebra offers a variety of options and programs that make it easy to order Zebra Supplies.

▶ ZipShip Program

- The most popular labels, tags, wristbands, and ribbons, in stock and ready for immediate shipment

▶ Custom Orders

- Contact the Zebra Supplies team for custom quotations at +1 866 230 9495
- Over 8,000 dies available
- Full-service printing and die-cutting capabilities

▶ Blanket Orders

- Discounted pricing
- Predetermined ship dates

▶ Min/Max Agreements

- Warehousing/distribution service
- Immediate shipments for custom products

▶ Proto X-Press

- Try before you buy
- Custom label and tag prototypes

▶ Zebra Complete™ Supplies Bundling Programs

- Free Zebra printheads
- Mobile printer service, printheads, and supplies



How to choose your Zebra media and ribbon.

How do you decide on the best media and ribbon for your application? Start by answering a few basic questions.

1. What kind of Zebra printer do you have: tabletop, desktop, or mobile?
Not every material will work in all Zebra printers.
2. Do you require a label, tag, or wristband?
3. Is chemical resistance a requirement?
Water and various chemicals can damage certain types of media and the image printed on the label, tag, or wristband.
4. In what environment will you use the label, tag, or wristband?
 - Will it be used indoors or outdoors?
 - To what temperature range will the label, tag, or wristband be exposed?

5. What is the surface to which the label will be applied? And what is the condition of the surface; e.g., clean, dirty, curved, flat?
Zebra offers different types of adhesives to work on many different surfaces: corrugated, paper, plastic, metal, glass, wood, and more.
6. What label, tag, or wristband color and finish do you need?
 - a. White, silver, or clear? (The most common colors.)
 - b. A gloss or matte finish?
 - c. Do you require preprinted information?
7. Will the label, tag, or wristband need to meet UL/CSA specifications?

Supplies Industry Application Table

APPLICATION	RECOMMENDED MEDIA	ALTERNATE MEDIA	SPECIALTY/OTHER
Common Applications Across Multiple Industries			
Shipping/Receiving	Z-Perform 2000T	8000D Near IR	8000T High-Tack
Location/Bin Labeling	Z-Ultimate 2000T	PolyPro 4000T	8000T Retroscan
Document Tracking	Z-Select 4000D	Z-Perform 2000D	Z-Select 4000D Removable
Asset Tracking	Z-Ultimate 4000T	PolyPro 3000T High Tack	8000T Checkerboard Gloss
Healthcare			
Admitting & Patient ID	Z-Band Direct	Z-Band QuickClip	Z-Band 4000 Void
Laboratory & Radiology	Z-Xtreme 4000T	8000T Low-Temp Gloss	8000T Image Lock
Pharmacy	Z-Select 4000D	Z-Perform 2000D	PolyPro 4000T
Specimen Collection	Z-Select 4000D	PolyPro 4000D	8000T CryoCool
Manufacturing			
Top-side PCB Labeling	Z-Ultimate 4000T	Z-Ultimate 2000T	8000T ESD Gloss
Bottom-side PCB Labeling	Z-Supreme 4000T	Z-Supreme 3000T	N/A
Product Identification	Z-Ultimate 4000T	8000T Image Lock	8000T Void Gloss
Work in Process	Z-Select 4000T 9.0 mil Tag	PolyPro 4000T 8.5 mil Tag	8000T Ultra-Tuff 9.5 mil Tag
Retail			
Shelf Labeling	Z-Select 4000D Removable	PolyPro 4000D	Z-Perform 1000D
Inventory Management	Z-Perform 2000D	Z-Perform 1000D	Z-Perform 1000D 2.4 mil Receipt
Customer Management	Z-Perform 1000D 3.5 mil Receipt	Z-Perform 1000D 2.4 mil Receipt	Z-Perform 1000D
Horticulture/Nursery	8000T Tuff 7.5 mil Tag	PolyPro 3000T	PolyPro 4000T 8.5 mil Tag
Direct Store Delivery			
Delivery/Route Sales	8000D High-Temp 3.2 mil Receipt	Z-Select 4000D 3.2 mil Receipt	Z-Perform 1000D 2.4 mil Receipt
Inventory Management	Z-Perform 1000D	Z-Select 4000D 3.2 mil Receipt	Z-Perform 1000D 2.4 mil Receipt
Public Safety			
E-Citations	Z-Select 4000D 3.2 mil Receipt	PolyPro 4000D 3.8 mil Receipt	8000D High-Temp 3.2 mil Receipt
Evidence & Property Management	Z-Select 4000T	Z-Select 4000D	PolyPro 4000D

Adhesives

ADHESIVE	DESCRIPTION
Acrylic	General-purpose; provides long-term adhesion; resistance to chemicals and UV exposure; works across a wide temperature range
Rubber	General-purpose; provides good initial tack; offers adhesion to rough surfaces; not recommended for auto apply
High-Performance	Offers higher resistance to chemicals and UV exposure; often has agency approval such as indirect food contact (FDA 175.105), UL/CSA approval
High-Temp	Maintains strong adhesion at high temperatures (over 300° F)
Cold-Temp	Maintains strong adhesion at low temperatures (down to -112° F)
All-Temp	May be applied to temperatures below freezing (32° F)
Removable	Clean removal from most surfaces without damaging the label or the surface
Ultra-Removable	Clean removal from nearly all surfaces, including metal and glass, without damaging the label or the surface
Multi-Removable	Offers dual functionality; provides permanent long-term adhesion but also allows for clean removal; repositionable to allow for removal, adjustment, and reapplication
High-Tack Acrylic	Works well on hard-to-label surfaces and provides good resistance to chemicals and UV exposure
High-Tack Rubber	Works very well on hard-to-label surfaces; provides good initial tack

*All adhesives above are permanent unless stated otherwise.

UL-Recognized and CSA-Accepted Labeling Systems

	Material	Ribbon	Recognition
Z-Ultimate 4000T White	Polyester	5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Ultimate 4000T Silver	Polyester	5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Ultimate 4000T Removable	Polyester	5095, 5100	UL indoor
Z-Ultimate 4000T High-Tack	Polyester	4100, 5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Ultimate 3000T White	Polyester	4100, 5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Ultimate 3000T Silver	Polyester	4100, 5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Ultimate 2000T White	Polyester	4100, 5095, 5100	UL indoor/outdoor
Z-Xtreme 4000T White	Polyester	5319, 5049, 5555, 3200, 5586, 5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Xtreme 4000T Silver	Polyester	5319, 5049, 5555, 3200, 5586, 5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Xtreme 4000T High-Tack White	Polyester	5319, 5049, 5555, 3200, 5586, 5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Xtreme 4000T High-Tack Silver	Polyester	5319, 5049, 5555, 3200, 5586, 5095, 5100	UL indoor/outdoor; CSA indoor/outdoor
Z-Xtreme 2000T White	Polyester	5555, 3200, 5586, 5095	UL indoor
Z-Xtreme 2000T Silver	Polyester	5555, 3200, 5586, 5095	UL indoor
Z-Xtreme 2000T Clear	Polyester	5555, 3200, 5586, 5095	UL indoor
8000T Void Matte	Polyester	5555, 5586, 5095	UL indoor/outdoor

Many Zebra printing systems are recognized by Underwriters Laboratory (UL) and accepted by the Canadian Standards Association (CSA) for printing indoor- and outdoor-use labels. These media/ribbon combinations include the above. If your application requires a UL-recognized or CSA-accepted labeling system, please consult with your Zebra account executive to determine which printer models can be used with these UL and CSA label/ribbon combinations.

Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications
PAPER MEDIA			
Z-Select™ Premium, bright white, ultra-smooth paper facestock specially coated to provide optimal image quality. Ideal for high-speed printing applications where print quality is important. Recommended for indoor use.			
4000T	TT	Paper label with a permanent acrylic adhesive that may be used across a wide temperature range; meets FDA 175.105 indirect food contact requirements	Labeling of packaging material including corrugate, plastic, and metal; product identification, compliance labeling, work in process
4000T All-Temp	TT	Paper label with a permanent all-temp acrylic adhesive that allows the label to be applied to surfaces as cold as -20° F	Labeling of packaging material including corrugate, plastic, and metal; ideal for identifying products in cold storage or refrigerated warehouses
4000T Removable	TT	Paper label with a removable acrylic adhesive for applications requiring clean removability without damaging the label or the surface; meets FDA 175.105 indirect food contact requirements	Product identification; labeling of shelves, bins, or totes intended for reuse when labels are removed
4000D	DT	Paper label with a permanent all-temp acrylic adhesive that allows the label to be applied to surfaces as cold as -20° F; meets FDA 175.105 indirect food contact requirements	Labeling of most packaging materials; document tracking; cold-temp applications; IV bag labeling
4000D Removable	DT	Paper label with a removable acrylic adhesive for applications requiring clean removability without damaging the label or the surface; meets FDA 175.105 indirect food contact requirements	General-purpose product and food labeling; removable shelf labeling
4000T Receipt	TT	Receipt paper available in 3.0 mil thickness	Staple-on tickets; plastic bag inserts; packing lists
4000T Tag	TT	Paper tag available in 5.0, 7.0, and 9.0 mil thickness	General-purpose ticketing; retail hang tags; inventory control and shop floor tracking tickets
4000D Receipt	DT	Receipt paper available in 3.2 mil thickness	Retail receipts, car rental receipts, general-purpose ticketing
4000D Tag	DT	Paper tag available in 5.3 and 7.5 mil thickness	General-purpose ticketing; shop floor tracking tickets; retail hang tag
Z-Perform™ Bright white, smooth paper facestock that provides the optimal balance between performance and price for industrial applications. Recommended for indoor use.			
2000T	TT	Paper label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements	Labeling of packaging material including corrugate, plastic, and metal; work in process
2000D	DT	Paper label with an all-temp acrylic adhesive	Packaging and compliance labeling; indoor labeling applications
1000D	DT	Paper label with a permanent acrylic adhesive; limited resistance to moisture or abrasion; not recommended for high print speed applications	Indoor, general-purpose labeling; warehouse, distribution, bakery application, and address labeling
1000T Tag	TT	Uncoated paper tag available in 7.5 and 9.5 mil thickness	General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets
1000D Tag	DT	Uncoated paper tag available in 5.5 mil thickness	General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets
1000D Receipt	DT	Uncoated receipt paper available in 2.4 and 3.5 mil thickness	General-purpose paper receipt for retail and industrial use
Specialty White paper labels and tags designed for unique or challenging applications. Recommended for indoor use.			
8000T High-Tack	TT	Paper label with a permanent rubber adhesive that provides high initial tack; meets FDA 175.105 indirect food contact requirements	Labeling of corrugate and recycled corrugate; shipping labels
8000T Super-Tack	TT	Paper label with a Hammerlock® permanent rubber adhesive that provides best initial and long-term adhesion	Difficult surfaces such as wood and textured substrates
8000T Ultra-Removable	TT	Paper label with an ultra-removable acrylic adhesive that provides long-term clean removability	Removable shelf or scan pallet labels; removable document labels
8000T Multi-Removable	TT	Paper label with a multi-removable adhesive that offers dual functionality; provides permanent adhesion to corrugate surfaces but also allows clean removal from glass surfaces; repositionable	Labeling cartons, totes, and bins; promotional and shelf labels; allows frequent application and removal of label
8000T Opaque	TT	Opaque paper label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements	Applications requiring a “cover-up” label; product ID; chemical containers
8000T Piggyback	TT	Piggyback paper label with a permanent acrylic adhesive that allows for removing the label, leaving the liner, and re-applying the second liner to a final application	Labeling of packaging materials; order picking; work in process
8000T Repulpable	TT	Repulpable paper label with a permanent acrylic adhesive	Paper mill labeling where paper wrap (label included) is thrown back into the paper-making process and repulped

Min. Application Temperature	Service Temperature	Surfaces to be Labeled							Environment		Resistance					Suggested Ribbons			
		Corrugate	Paper	Packaging Films	Most Plastics	Metal & Glass	Rough Surfaces	Curved Surfaces	Moist Surfaces	Indoors	Outdoors	Moisture	Abrasion	Chemical – Weak	Chemical – Moderate	Chemical – Harsh	Chemical – Extreme	Standard Application	High-Durability
PERFORMANCE CHARACTERISTICS																			
■ Recommended ■ Test In Your Application ■ Not Recommended																			
25° F -4° C	-65° F to 200° F -54° C to 93° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 2100, 5049, 5319	5555, 3200
-20° F -29° C	-65° F to 200° F -54° C to 93° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 2100, 5049, 5319	5555, 3200
40° F 4° C	-65° F to 180° F -54° C to 82° C	Green	Yellow	Yellow	Yellow	Green	Red	Red	Red	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 2100, 5319	5555, 3200
-20° F -29° C	-65° F to 140° F -54° C to 60° C	Green	Green	Yellow	Yellow	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	N/A	N/A
40° F 4° C	-65° F to 140° F -54° C to 60° C	Green	Yellow	Yellow	Yellow	Green	Red	Red	Red	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	N/A	N/A
N/A	-40° F to 200° F -40° C to 93° C									Green	Red	Yellow	Yellow	Yellow	Red	Red	2000, 2100, 5049, 5319	5555, 3200	
N/A	-40° F to 200° F -40° C to 93° C									Green	Red	Yellow	Yellow	Yellow	Red	Red	2000, 2100, 5049, 5319	5555, 3200	
N/A	-40° F to 140° F -40° C to 60° C									Green	Red	Yellow	Yellow	Yellow	Red	Red	N/A	N/A	
N/A	-40° F to 140° F -40° C to 60° C									Green	Red	Yellow	Yellow	Yellow	Red	Red	N/A	N/A	
25° F -4° C	-40° F to 200° F -40° C to 93° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	5555, 3200
-40° F -40° C	-65° F to 200° F -54° C to 93° C	Green	Green	Yellow	Yellow	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	N/A	N/A
25° F -4° C	-40° F to 140° F -40° C to 60° C	Green	Green	Yellow	Yellow	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	N/A	N/A
N/A	-50° F to 200° F -46° C to 93° C									Green	Red	Yellow	Yellow	Yellow	Red	Red	2000, 5319	N/A	
N/A	-40° F to 140° F -40° C to 60° C									Green	Red	Yellow	Yellow	Yellow	Red	Red	N/A	N/A	
N/A	-40° F to 140° F -40° C to 60° C									Green	Red	Yellow	Yellow	Yellow	Red	Red	N/A	N/A	
40° F 4° C	-65° F to 160° F -54° C to 71° C	Green	Green	Green	Yellow	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	5555, 3200
30° F -1° C	-65° F to 150° F -54° C to 66° C	Green	Green	Green	Yellow	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	5555, 3200
20° F -7° C	-40° F to 160° F -40° C to 71° C	Green	Green	Green	Green	Green	Red	Red	Red	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	5555, 3200
25° F -4° C	-20° F to 200° F -29° C to 93° C	Green	Green	Green	Green	Green	Red	Yellow	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	N/A
-20° F -29° C	-65° F to 200° F -54° C to 93° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	5555, 3200
25° F 4° C	-65° F to 200° F -54° C to 93° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	5555, 3200
40° F 4° C	-20° F to 200° F -29° C to 93° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	2000, 5319	3200

Performance characteristics are based on combination with high-durability ribbon.

	Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications
PAPER MEDIA	Specialty <i>Continued</i> White paper labels and tags designed for unique or challenging applications. Recommended for indoor use.			
	8000T Semi-Gloss	TT	Semi-gloss paper label with a permanent rubber adhesive; meets FDA 175.105 indirect food contact requirements	Product identification; diskette labeling; high-volume applications
	8000T High-Gloss	TT	High-gloss paper label with permanent acrylic adhesive	High-gloss retail and consumer goods package labels; color preprinted labels
	8000D Near IR	DT	Paper label with a permanent acrylic adhesive; scannable in both visible and near infrared wavelength; meets FDA 175.105 indirect food contact requirements	Shipping applications; indoor, general-purpose labeling; meets requirements of package delivery industry
	8000D IR	DT	Paper label with an all-temp permanent acrylic adhesive; scannable in visible, near infrared, and infrared ranges; meets FDA 175.105 indirect food contact requirements	Indoor, general-purpose labeling; labeling of most packaging material; excellent for cold-temperature applications
	8000D High-Temp	DT	Paper label with a high-performance permanent acrylic adhesive that provides temperature resistance up to 194° F; offers superior durability under fluorescent bulbs and partial UV exposure (through a window)	Hot food labeling such as pizza, coffee; direct store delivery; archival use
	8000D Linerless	DT	Linerless paper label with a permanent acrylic adhesive; eliminates liner waste	Indoor, general-purpose labeling; labeling of most packaging material; excellent for cold-temp applications
	8000D Linerless Removable	DT	Linerless paper label with a removable acrylic adhesive; eliminates liner waste	Indoor, removable general-purpose labeling; labeling of most packaging material; excellent for cold-temp applications
	8000D High-Temp Receipt	DT	Receipt paper that provides temperature resistance up to 194° F; offers superior durability under fluorescent bulbs and partial UV exposure (through a window); available in 3.2 mil thickness	Hot foods such as pizza, coffee; windshield receipts; direct store delivery; archival use
SYNTHETIC MEDIA	Z-Supreme™ White, polyimide facestock designed for high-temperature environments up to 500° F. Recommended for PCB labeling.			
	4000T	TT	Gloss polyimide label with a high-temp permanent acrylic adhesive that provides resistance to harsh environments; also available in yellow, blue, and green	Printed circuit board top- and bottom-side applications including lead-free manufacturing processes; harsh environments; high-temp industrial applications
	3000T	TT	Matte polyimide label with a high-temp permanent acrylic adhesive that provides resistance to harsh environments; not recommended for processes using lead-free solder	Printed circuit board top- and bottom-side applications; harsh environments; high-temp industrial applications
	Z-Ultimate® White, gloss polyester facestock that provides outstanding print quality and unparalleled smear and scratch resistance. Offers good resistance to chemicals. Recommended for applications that require up to 3 years outdoors; temperature exposure up to 300° F.			
	4000T	TT	Gloss polyester label with a high-performance permanent acrylic adhesive; UL/CSA acceptances; also available in silver and clear	UL/CSA compliance product labeling; top-side PCB labeling; asset labeling; automotive labeling; serial plate labeling; UID compliance
	4000T Removable	TT	Gloss polyester label with a removable acrylic adhesive; UL acceptances	UL compliance product labeling; removable shelf or scan-pallet labels; labels in contact with moving parts or friction; fanfolding applications
	4000T High-Tack	TT	Gloss polyester label with a high-tack permanent acrylic adhesive; UL/CSA acceptances; also available in silver	UL/CSA compliance product labeling; asset labeling; automotive labeling; serial plate labeling; fanfolding applications; hard-to-label surfaces
	4000T Tag	TT	Gloss polyester laminated tag available in 8 mil thickness	Tags requiring high environmental resistance; outdoor storage tags; water immersed tags; steel tags; high-quality hang tags
	3000T	TT	Gloss polyester label with a high-performance permanent acrylic adhesive; UL/CSA acceptances; also available in silver	UL/CSA compliance product labeling; top-side PCB labeling; asset labeling; automotive labeling; serial plate labeling
	2000T	TT	Polyester gloss label with a permanent acrylic adhesive; UL acceptances	Product labeling; top-side PCB labeling; asset labeling; automotive labeling; serial plate labeling; fanfolding applications
	Z-Xtreme™ White, matte polyester facestock that provides outstanding print quality and good smear and scratch resistance. Offers excellent resistance to chemicals. Recommended for applications that require up to 3 years outdoors; temperature exposure up to 300° F.			
	4000T	TT	Matte polyester label with a high-performance acrylic adhesive; UL/CSA acceptances; provides harsh-chemical resistance; also available in silver	UL/CSA compliance product labeling; asset labeling; automotive labeling, particularly around battery use; medical device labeling; serial plate labeling
	4000T High-Tack	TT	Matte polyester label with a high-tack permanent rubber adhesive; UL/CSA acceptances; provides harsh-chemical resistance; also available in silver	UL/CSA compliance product labeling; medical device labeling; asset labeling; automotive labeling; serial plate labeling; hard-to-label surfaces

Min. Application Temperature	Service Temperature	Surfaces to be Labeled							Environment		Resistance						Suggested Ribbons		
		Corrugate	Paper	Packaging Films	Most Plastics	Metal & Glass	Rough Surfaces	Curved Surfaces	Moist Surfaces	Indoors	Outdoors	Moisture	Abrasion	Chemical – Weak	Chemical – Moderate	Chemical – Harsh	Chemical – Extreme	Standard Application	High-Durability
PERFORMANCE CHARACTERISTICS																			
■ Recommended ■ Test In Your Application ■ Not Recommended																			
25° F -4° C	-65° F to 160° F -54° C to 71° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
25° F -4° C	-65° F to 200° F -54° C to 93° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
25° F -4° C	-40° F to 140° F -40° C to 60° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
-20° F -29° C	-65° F to 140° F -54° C to 60° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
-40° F -40° C	-40° F to 194° F -40° C to 90° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
40° F 4° C	-40° F to 140° F -40° C to 60° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
40° F 4° C	-40° F to 140° F -40° C to 60° C	Green	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
N/A	-40° F to 194° F -40° C to 90° C	White	White	White	White	White	White	White	White	White	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
50° F 10° C	-40° F to 500° F -40° C to 260° C	Red	Red	Red	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
50° F 10° C	-40° F to 482° F -40° C to 250° C	Red	Red	Red	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
50° F 10° C	-112° F to 302° F -80° C to 150° C	Green	Green	Yellow	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
50° F 10° C	-20° F to 302° F -29° C to 150° C	Green	Green	Yellow	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
50° F 10° C	-40° F to 302° F -40° C to 150° C	Green	Green	Yellow	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
N/A	-40° F to 200° F -40° C to 93° C	White	White	White	White	White	White	White	White	White	Green	Red	Yellow	Yellow	Yellow	Red	Red	Red	Red
50° F 10° C	-40° F to 302° F -40° C to 150° C	Green	Green	Yellow	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
50° F 10° C	-40° F to 302° F -40° C to 150° C	Green	Green	Yellow	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
50° F 10° C	-40° F to 300° F -40° C to 149° C	Green	Green	Yellow	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red
40° F 4° C	-40° F to 300° F -40° C to 149° C	Green	Green	Yellow	Green	Green	Yellow	Green	Yellow	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red

Performance characteristics are based on combination with high-durability ribbon.

Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications
Z-Xtreme™ <i>Continued</i>			
White, matte polyester facestock that provides outstanding print quality and good smear and scratch resistance. Offers excellent resistance to chemicals. Recommended for applications that require up to 3 years outdoors; temperature exposure up to 300° F.			
2000T	TT	Matte polyester label with a permanent acrylic adhesive; UL acceptances; provides moderate chemical resistance; also available in silver and clear	UL compliance product labeling; asset labeling; serial plate labeling
2000T High-Tack	TT	Matte polyester label with a high-tack permanent acrylic adhesive; provides moderate chemical resistance; also available in silver	Product labeling; medical device labeling; asset labeling; serial plate labeling; hard-to-label surfaces
2000T Removable	TT	Matte polyester label with a removable acrylic adhesive; provides moderate chemical resistance	Removable shelf or bin labels; provides good resistance to common industrial cleaning solutions
PolyPro™			
White, matte polypropylene facestock that provides high print quality and resistance to scratching and smearing; offers some flexibility for labeling curved surfaces. Thermal transfer materials recommended for applications that require up to 1-2 years outdoors; temperature exposure up to 250° F.			
4000T	TT	Kimdura® polypropylene label with a permanent acrylic adhesive; CSA acceptances; meets FDA 175.105 indirect food contact requirements	Chemical drum, medical device, or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; UID compliance
4000T High-Tack	TT	Kimdura polypropylene label with a high-tack acrylic permanent adhesive; meets FDA 175.105 indirect food contact requirements	Chemical drum, medical device, or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; hard-to-label surfaces
4000T Removable	TT	Kimdura polypropylene label with a removable acrylic adhesive; provides good resistance to common industrial cleaning solutions	Removable shelf, bin, furniture, or product labeling
4000D	DT	Polypropylene label with an all-temp permanent acrylic adhesive that allows label to be applied to surfaces as cold as -40° F; meets FDA 175.105 indirect food contact requirements	Indoor, general-purpose labeling; houseware goods labeling; cold storage; provides good resistance to common industrial cleaning solutions
4000D Removable	DT	Polypropylene label with a removable acrylic adhesive; meets FDA 175.105 indirect food contact requirements	Indoor, removable, general-purpose labeling; labeling Tupperware® containers; shelf labeling
4000T Tag	TT	Polypropylene tag available in 7.0 and 8.5 mil thickness	Outdoor, general-purpose tagging; wire marking, visitor passes, bin tags, pallets
4000D Receipt	DT	Polypropylene receipt available in 3.8 mil thickness	Traffic citations; receipt applications that may be exposed to moisture; direct store delivery
3000T	TT	Polypropylene label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements	Chemical drum, test tube, or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; labeling packages in cold storage
3000T High-Tack	TT	Polypropylene label with a high-tack permanent acrylic adhesive	Chemical drum, medical device, or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; hard-to-label surfaces
Poly0™			
White, corona-treated polyolefin facestock that provides flexibility for labeling curved or rough surfaces; minimal resistance to scratching and smearing. Recommended for applications that require up to 6 months outdoors; temperature exposure up to 200° F.			
4000T	TT	Semi-rigid corona-treated polyolefin label with an all-temp permanent acrylic adhesive that provides high initial tack and cold-temperature properties; meets FDA 175.105 indirect food contact requirements	Chemical drum labels; medical and pharmaceutical labeling; cold-temperature storage
3000T	TT	Highly flexible corona-treated polyolefin label with an all-temp permanent acrylic adhesive that provides high initial tack designed exclusively for industrial labeling applications	Chemical drum labeling; product labeling; retail applications; recyclable shrink wrap applications; labeling harness configurations
Specialty			
White, synthetic labels and tags designed for unique or challenging applications.			
8000T High-Temp Matte	TT	Matte polyetherimide label with a high-temp permanent acrylic adhesive	High-heat applications such as PCB labeling, steel and automotive labeling, and work in process
8000T Ultra High-Tack Matte	TT	Matte polyester label with a high-tack permanent acrylic adhesive for difficult-to-label surfaces	Asset and machinery tracking; labeling textured surfaces, plastic, painted or bare metal and wood; UID compliance
8000T Image Lock™	TT	Polyolefin label with a permanent acrylic adhesive; match with Image Lock ribbon to produce exceptional print quality; provides excellent chemical resistance; 5-year outdoor durability	Chemical drums; laboratory labeling; automotive labeling; process control of electronic components; serial plate labeling; UID compliance
8000T RetroScan	TT	Silver gloss retro-reflective polyester label with a permanent acrylic adhesive designed specifically for long-range scanning	Indoor warehouse bin/shelf/location labels for long-range scanning

Min. Application Temperature Service Temperature		Surfaces to be Labeled							Environment		Resistance						Suggested Ribbons	
		Corrugate	Paper	Packaging Films	Most Plastics	Metal & Glass	Rough Surfaces	Curved Surfaces	Moist Surfaces	Indoors	Outdoors	Moisture	Abrasion	Chemical – Weak	Chemical – Moderate	Chemical – Harsh	Chemical – Extreme	Standard Application
PERFORMANCE CHARACTERISTICS																		
■ Recommended ■ Test In Your Application ■ Not Recommended																		
50° F 10° C	-40° F to 302° F -40° C to 150° C																3200, 5586	5095, 5100
50° F 10° C	-40° F to 302° F -40° C to 150° C																3200, 5586	5095, 5100
50° F 10° C	-40° F to 302° F -40° C to 150° C																3200, 5586	5095, 5100
10° F -12° C	-40° F to 250° F -40° C to 121° C																5555, 3200	5586
35° F 2° C	-65° F to 200° F -54° C to 93° C																5555, 3200	5586
45° F 7° C	0° F to 160° F -18° C to 71° C																5555, 3200	5586
-40° F -40° C	-65° F to 131° F -54° C to 55° C																N/A	N/A
10° F -12° C	-20° F to 120° F -29° C to 49° C																N/A	N/A
N/A	-40° F to 200° F -40° C to 93° C																3200, 5586	4100, 5095
N/A	-40° F to 140° F -40° C to 60° C																N/A	N/A
45° F 7° C	-65° F to 200° F -54° C to 93° C																3200, 5586	4100, 5095
32° F 0° C	-75° F to 200° F -59° C to 93° C																3200, 5586	4100, 5095
10° F -12° C	-40° F to 176° F -40° C to 80° C																3200, 5586	5095
25° F -4° C	-40° F to 176° F -40° C to 80° C																3200, 5586	5095
40° F 4° C	-20° F to 392° F -29° C to 200° C																5555, 3200	5586, 5095
50° F 10° C	-20° F to 302° F -29° C to 150° C																5555, 3200	5586
50° F 10° C	-112° F to 248° F -80° C to 120° C																N/A	Image Lock
45° F 7° C	-40° F to 300° F -40° C to 149° C																5095	5095

Performance characteristics are based on combination with high-durability ribbon.

Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications
Specialty <i>Continued</i> White, synthetic labels and tags designed for unique or challenging applications.			
8000T Z-Endure™	TT	Special acrylic label with a permanent acrylic adhesive that offers 10-year outdoor durability	Vending machines, utility meters, signs, posts; outdoor tools/equipment that require extended outdoor exposure up to 10 years; UID compliance
8000T ESD Gloss	TT	Gloss polyester electrostatic dissipative label with a high-temp permanent acrylic adhesive; meets ESD S11.11 Surface Resistance Test requirements	Applications requiring resistance to electrostatic discharge; circuit boards, disk drives, and other sensitive electronic components
8000T Pattern Gloss	TT	Gloss polyester label with a pattern permanent acrylic adhesive to avoid residue on products	Jewelry tags, ring labels, small cable wiring
8000T Piggyback Clear Matte	TT	Piggyback matte polyester label with a permanent acrylic adhesive that can be over-laminated with a clear polyester liner	Asset management labeling; chemical containers; automotive labeling; UID compliance
8000T CryoCool™	TT	Polypropylene label with a cold-temp permanent acrylic adhesive that offers extremely low-temperature performance down to -320° F	Cryogenic applications involving a deep freezing process; medical labs, hospitals
8000T Low-Temp Matte	TT	Matte polyolefin label with a cold-temp permanent acrylic adhesive that offers -112° F performance for low-temperature use; provides resistance to repeated freeze and thaw cycles	Cold-temperature applications down to -112° F; cold storage; virology labeling, genetics labeling, DNA sequencing; labeling vials, test tubes, ampules
8000T Low-Temp Gloss	TT	Gloss polypropylene label with a cold-temp permanent acrylic adhesive that offers -112° F performance for low-temperature use; provides outdoor durability for 1-2 years; available in white and clear	Cold-temperature applications down to -112° F; cold storage; virology labeling, genetics labeling, DNA sequencing; steam sterilization
8000T Void Gloss	TT	Gloss polyester label with a tamper-proof adhesive that leaves a "void" pattern when label is removed	Serial number plates; warranty/authenticity label; tamper-evident security labels; capital asset labeling
8000T Void Matte Silver	TT	Matte polyester label with a tamper-proof adhesive that leaves a "void" pattern when label is removed; UL acceptances	Serial number plates; warranty/authenticity label; tamper-evident security labels; capital asset labeling
8000T Checkerboard Gloss	TT	Silver gloss polyester label with a tamper-proof adhesive that leaves a checkerboard pattern when label is removed; maintains tamper evidence feature up to 176° F	Security and product authentication applications such as cellular phones
8000T Z-Destruct™	TT	Vinyl label with a permanent acrylic adhesive that destructs when label is removed	Serialized data and warranty labels; applications requiring destructible solution; ideal for high-value electronics
8000T Vinyl Clear	TT	Clear matte vinyl label with a permanent acrylic adhesive that is highly flexible	Wrap around wire labeling; wrap around vial or tube labeling
8000T Primary Blood Bag	TT	Polypropylene label with an all-temp acrylic adhesive; compliant with FDA 175.105	Primary and secondary blood bag labeling; IV bag labeling
8000T Jewelry	TT	Polypropylene label with a permanent acrylic adhesive; provides high print quality and smudge resistance; available in custom colors	Ideal for jewelry and ring labels; safe to use in jewelry steamers and cleaners
8000D Jewelry	DT	Polypropylene label with a permanent acrylic adhesive; UV shield provides resistance to ultraviolet light; available in custom colors	Ideal for jewelry and ring labels; safe to use in jewelry cleaners
8000T Ultra-Tuff Tag	TT	Valéron® polyethylene tag that provides the highest tear resistance and durability; available in 4.0, 7.5, 9.5 mil thickness	Nursery tags; lumber tags; construction applications; outdoor storage tags
8000T Tuff Tag	TT	Polyolefin tag that provides tear strength and outdoor use up to 1-2 years; available in 7.0 mil thickness	Nursery tags; lumber tags; outdoor storage tags
8000T Light-Weight Tag	TT	Tyvek® olefin tag that provides tear resistance and durability; lightweight; available in 8.0 mil thickness	Sewn-in tags, lawn tags, garment tags; seat belts; greenhouse and nursery tags; staple-on tags; outdoor storage
8000T Nylon Tag	TT	Woven nylon tag that may be sewn into clothing; provides outstanding print quality; available in 5.7 mil thickness	Seat belt tagging; care tag applications
Wristbands Synthetic wristbands uniquely configured for optimal use in Zebra tabletop and desktop printers. Each material provides durability and security enhancements including security slits, void features, or clip closures.			
Z-Band® Direct	DT	Polypropylene wristband with a permanent acrylic adhesive and a polyester liner; tamper-evident security slits; color-coated options	Hospitals, patient identification, water parks, theme parks, disaster relief, correctional facilities
Z-Band® QuickClip™	DT	Polypropylene 6.0 mil tag with secure clip closure; color-coated clip options	Hospitals, patient identification, water parks, theme parks, disaster relief, correctional facilities
Z-Band® 4000	TT	Gloss polyester wristband with a permanent acrylic adhesive; color-coated options	Hospitals, patient identification, water parks, theme parks, disaster relief, correctional facilities
Z-Band® 4000 Void	TT	Tamper-proof, gloss polyester wristband with a permanent acrylic adhesive; color-coated options	Hospitals, patient identification, water parks, theme parks, disaster relief, correctional facilities

Min. Application Temp. Service Temp.		Surfaces to be Labeled						Environment		Resistance					Suggested Ribbons			
		Corrugate	Paper	Packaging Films	Most Plastics	Metal & Glass	Rough Surfaces	Curved Surfaces	Moist Surfaces	Indoors	Outdoors	Moisture	Abrasion	Chemical – Weak	Chemical – Moderate	Chemical – Harsh	Chemical – Extreme	Standard Application
		PERFORMANCE CHARACTERISTICS																
		Recommended		Test In Your Application				Not Recommended										
50° F 10° C	-40° F to 302° F -40° C to 150° C	Not Recommended	Not Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	4100, 5095	5100
50° F 10° C	-40° F to 302° F -40° C to 150° C	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5095	5100
45° F 7° C	-40° F to 300° F -40° C to 149° C	Test In Your Application	Test In Your Application	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	4100, 5095	5100
50° F 10° C	-40° F to 302° F -40° C to 150° C	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Recommended	2000, 2100, 5319	3200
-20° F -29° C	-320° F to 190° F -196° C to 88° C	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5095	5095
50° F 10° C	-112° F to 200° F -80° C to 93° C	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5555	3200, 5095
50° F 10° C	-112° F to 250° F -80° C to 121° C	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5095	5095
50° F 10° C	-40° F to 158° F -40° C to 70° C	Not Recommended	Not Recommended	Test In Your Application	Test In Your Application	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	4100, 5095	5100
50° F 10° C	-40° F to 104° F -40° C to 40° C	Not Recommended	Not Recommended	Test In Your Application	Test In Your Application	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5555, 3200	5586
50° F 10° C	-40° F to 176° F -40° C to 80° C	Not Recommended	Not Recommended	Test In Your Application	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	4100, 5095	5100
50° F 10° C	-60° F to 250° F -51° C to 121° C	Test In Your Application	Test In Your Application	Test In Your Application	Test In Your Application	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	3200, 5586	5095
50° F 10° C	-40° F to 176° F -40° C to 80° C	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5555, 3200	5586, 5095
-20° F -29° C	-65° F to 250° F -54° C to 121° C	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5555, 3200	5586
45° F 7° C	-40° F to 250° F -40° C to 121° C	Recommended	Recommended	Not Recommended	Not Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	3200, 5586	5095
-10° F -23° C	-40° F to 120° F -40° C to 49° C	Recommended	Recommended	Not Recommended	Not Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	N/A	N/A
N/A	-70° F to 200° F -57° C to 93° C									Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5555, 3200	5586
N/A	-70° F to 200° F -57° C to 93° C									Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	5555, 3200	5586
N/A	-40° F to 200° F -40° C to 93° C									Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	2000, 5319	3200
N/A	-40° F to 302° F -40° C to 150° C									Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	3200, 5095	Nylon Ribbon
N/A	-20° F to 140° F -29° C to 60° C								Recommended	Test In Your Application	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	N/A	N/A
N/A	-40° F to 200° F -40° C to 93° C								Recommended	Test In Your Application	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	N/A	N/A
N/A	-20° F to 300° F -29° C to 149° C								Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	4100, 5095	5100
N/A	-20° F to 200° F -29° C to 93° C								Recommended	Recommended	Recommended	Recommended	Recommended	Test In Your Application	Test In Your Application	Not Recommended	4100, 5095	5100

Performance characteristics are based on combination with high-durability ribbon.

Comparison of Thermal Transfer Ribbons

Ribbon	Formulation	Material compatibility	Darkness setting				Print Speed				Scratch/ smear resistance				Chemical resistance			
			LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH				
2000 Standard	Wax	Coated paper	█				█	█	█	█	█	█			█			
2100 Enhanced	Wax	Coated paper	█	█			█	█	█	█	█	█	█		█			
5319 Performance	Wax	Uncoated paper/ Coated paper	█	█			█	█	█	█	█	█			█			
5049 High-Speed Premium	Wax	Uncoated paper/ Coated paper	█	█	█		█	█	█	█	█	█			█			
5555 Enhanced	Wax / Resin	Coated paper / Matte synthetics	█	█	█		█	█	█	█	█	█	█	█	█	█	█	█
3200 Performance	Wax / Resin	Coated paper / Matte synthetics	█	█	█		█	█	█	█	█	█	█	█	█	█	█	█
5586 Premium	Wax / Resin	Coated paper/ Matte synthetics	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
4100 Enhanced	Resin	Gloss synthetics	█	█	█		█	█	█	█	█	█	█	█	█	█	█	█
5095 Performance	Resin	Gloss paper/ Gloss synthetics	█	█	█		█	█	█	█	█	█	█	█	█	█	█	█
5100 Premium	Resin	Gloss synthetics	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

MANUFACTURING CAPABILITIES

A world-class converter of labels, tags, and RFID smart labels, Zebra specializes in narrow-web flexographic printing on thermal materials. By making and testing our own printer supplies, we can assure you receive the highest-quality products performance-matched to your Zebra printer and application. Our multiple manufacturing locations provide convenient shipping throughout North America.

PRINTING

- Up to eight-color printing with special inks for thermal materials
- Up to three UV colors or coatings
- Front- and back-side printing
- Automated vision inspection system
- In-house plate making

CONVERTING

- Roll to roll and fanfolding
- Press widths from 7 inches to 20 inches
- Laminating
- Die cutting up to five stations
- Perforations, face slits, and back slits
- Adhesive deadening and spot coating
- UL/CSA-recognized
- RFID smart labels

FINISHING

- 3/4-inch to 6-inch core capability
- Shrink-wrapping
- Custom kits

R&D CAPABILITIES

With more than 25 years of experience working with thermal print technology, Zebra's Supplies R&D team has unparalleled knowledge of supplies for Zebra printers. With access to all Zebra printers and thousands of different materials, we can find the right material for your application.

We can test:

- Image abrasion/durability
- Accelerated outdoor life
- Adhesion strength on various materials
- Temperatures from -112° F/-80° C to 1,000° F/538° C
- Material tear strength
- Harsh chemicals
- Printhead life

Services offered:

- Application assistance and testing
- New material development
- Exact-match samples
- UL/CSA approvals
- UID approvals

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