

Z-Xtreme 2000T Label

Thermal transfer, matte polyester label with a high-performance permanent acrylic adhesive

Optimal for the labeling of assets in more challenging environments, including those that require mild chemical processing, Zebra's Xtreme 2000T label delivers. This thermal transfer, white, silver or clear, matte polyester label is engineered to provide reliable print quality and durability. When paired with Zebra's 6200 wax/resin or 6100, 5095 and 3200 resin ribbons, you get smear and scratch resistance with good print durability. Its UL acceptance makes it a great choice for identifying UL-certified products that will be used indoors. It is suitable for fan-folding. And with Zebra's legacy of craftsmanship and durability, you can count on optimized performance – with each and every label. Z-Xtreme 2000T labels are recommended for a wide variety of labeling applications, including UL-certified products, product identification and automotive component identification.



Print Confident. Print Quality. Print Zebra

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pre-test our own line of thermal printing supplies to ensure consistent, optimized performance. We utilize an ISO 9001 certified, 23-point inspection process and consistent materials to ensure reliable performance from order-to-order. No matter when you order your labels, you can count on the same consistent performance.

Some smear and scratch and good chemical resistance

Z-Xtreme 2000T labels, when paired with Zebra's 6200, 6100, 5095 and 3200 ribbons, offer excellent adhesive quality and are resistant to smearing and scratching, ensuring your assets remain identifiable throughout their useful life. The label will remain readable and intact when subjected to weak chemicals, such as blood, body fluid, salt water and window cleaner, making it the perfect choice for identifying assets that will require cleaning. Once applied, this label can withstand temperatures up to 302° F/150° C, making it a reliable choice to identify products which require high-heat processing during manufacturing and those that will be subjected to heat when in use, such as some food preparation equipment.

UL certified labeling solution

Z-Xtreme 2000T labels, combined with Zebra's 6200, 6100, 5095 and 3200 ribbons, have been fully tested and certified by UL to the UL 969 standard. In addition, Zebra supplied manufacturing plants are authorized to pre-print the UL mark.

Customized for your application.

Zebra can deliver Z-Xtreme 2000T labels in multiple sizes, shapes and label set configurations to meet the requirements of your application and process. In addition, our flexographic print presses can add pre-printed text, graphics and color.

Z-Xtreme 2000T Label – UL certified, high-heat, smear and scratch resistant labels with some chemical resistance and high-performance acrylic adhesive for more challenging applications.

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

Specifications

Material Construction	
Raw Material Number	66748RM White 66749RM Silver 66753RM Clear
Facestock	Thermal transfer, matte, white/silver/clear, polyester 2.4 mil/60.96 microns
Adhesive	Permanent acrylic-based adhesive 0.9 mil/22.86 microns
Liner	50 lb/74 gsm semi-bleached kraft stock 3.1 mil/78.74 microns
Total Thickness (+/-10%)	6.3 mil/160.02 microns
Environment	Indoor use; Outdoor use up to 3 years
Temperature Performance	
Minimum Application Temperature ¹	32° F/0° C
Service Temperature Range ²	-40° F to 302° F/-40° C to 150° C
Recommended Printers and Ribbons	
Printers	Thermal transfer printer (ribbon required); use Zebra desktop, mid-range and high-performance thermal printers for optimal performance
Ribbons	Compatible with Zebra 6200, 6100, 5095 & 3200 resin ribbons for optimal performance
Adhesive Strength	
Stainless Steel	5 minute dwell time: 38 oz/in.
	24 hour dwell time: 46 oz/in.
Polycarbonate	5 minute dwell time: 28 oz/in.
	24 hour dwell time: 46 oz/in.
Polyethylene	5 minute dwell time: 12 oz/in.
	24 hour dwell time: 15 oz/in.
Facestock Tensile Strength	
Machine Direction	18,000 psi
Transverse Direction	22,000 psi
Chemical Resistance	
Weak Chemicals	
Blood	6200, 6100, 5095 & 3200: Recommended
Body Fluid	6200, 6100, 5095 & 3200: Recommended
Salt Water	6200, 6100, 5095 & 3200: Recommended
Water	6200, 6100, 5095 & 3200: Recommended
Window Cleaner	6200, 6100, 5095 & 3200: Recommended

Moderate Chemicals	
Alcohol	6200, 6100, 5095 & 3200: Test in your Application
Ammonia	6200, 6100, 5095 & 3200: Test in your Application
Bleach	6200, 6100, 5095 & 3200: Test in your Application
IPA	6200, 6100, 5095 & 3200: Test in your Application
Harsh Chemicals	
Gasoline	Not recommended
Grease	Not recommended
Oil	Not recommended
Extreme Chemicals	
Acetone	Not recommended
IR Reflow	Not recommended
MEK	Not recommended
TCE	Not recommended
Xylene	Not recommended

Regulatory Compliance	
UL with 6200, 6100, 5095 & 3200 ribbons; UL-recognized for indoor use	
Product Performance and Suitability	
Recommended storage conditions	72° F/22° C at 50% RH
Expected life span in application ³	Indoor and outdoor up to 3 years

Material Testing in End Application	
The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.	

Warranty	
Supplies are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit www.zebra.com/warranty .	

Footnotes	
1.	When the label is applied, the environment and surface should be above this temperature.
2.	Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range.
3.	Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated.

Markets and Applications

- Manufacturing
- Product identification
 - Automotive part labeling
 - UL product labeling



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