



Z-Xtreme 5000T Silver

High Performance labeling solution for the most demanding environments

Thermal transfer, silver matte coated polyester label with a high-performance permanent acrylic adhesive. The Z-Xtreme 5000T silver label offers exceptional resistance to harsh conditions, including exposure to chemicals and solvents such as Xylene and Acetone, and extreme temperatures. Its robust polyester construction ensures long-lasting adhesion and readability, making it ideal for industrial applications where precision and endurance are paramount.

Z-Xtreme 5000T silver stands out for its exceptional durability. It is engineered to withstand extreme temperatures ranging from -40°C to 149°C, making it suitable for both cold storage and high-heat industrial applications. The label's resistance to abrasion ensures that it remains intact and legible, even in the harshest conditions, making it ideal for sectors such as manufacturing, logistics, and healthcare.



Unparalleled smear and scratch, excellent durability and chemical resistant

Z-Xtreme 5000T labels, when paired with Zebra's Image Lock ribbon, the result is a high-performance labeling solution that sets a new standard in durability and print quality.

UL Certified Labeling Solution

Z-Xtreme 5000T labels, combined with the Image Lock ribbon, have been fully tested and certified by UL. In addition, Zebra supplied manufacturing plants are authorized to pre-print the UL mark.

Customization Available

Zebra can deliver Z-Xtreme 5000T labels in just about any size, shape or label set configuration to meet the requirements of your application and process. In addition, our flexographic print presses can add pre-printed text, graphics and color.

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.

**Z-Xtreme 5000T — High-performance labeling solution designed for
the most demanding environments**

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

Specifications

Material Construction	
RM Number	10040752RM
Facestock	Matte white topcoated polyester 65 microns
Adhesive	Permanent acrylic adhesive 24 microns
Liner	White glassine liner 56 microns
Total thickness +/- 10%	145 microns
Environment	Outdoor use; extreme chemical resistance
Temperature Performance	
Minimum Application Temperature ¹	50°F / 10°C
Service Temperature Range ²	-40° C to 149° C
Recommended Printers and Settings	
Printers	Desktop, mid-range and high performance thermal printers
Ribbons	Image Lock
Adhesive Strength	
Corrugate	N/A
Steel	693 N/m (5 min); 913 N/m (24 hr)
Polycarbonate	451 N/m (5min); 594 N/m (24 hr)
Polyethylene	286 N/m (5 min); 363 N/m (24hr)
Product Performance and Sustainability	
Recommended Storage Conditions	1 year duration when stored at 22° C at 50% RH
Expected Life Span in Application	Indoor use, 3 year+ Outdoor use, 3 year+
Sample Part Number	EMEA: SAMPLE40752 (Industrial) SAMPLE40752-D (desktop)
Chemical Resistance	
Weak chemicals	
Blood	Yes
Body Fluid	Yes
Salt Water	Yes

Water	Yes
Window Cleaner	Yes
Moderate chemicals	
Alcohol	Yes
Ammonia	Yes
Bleach	Yes
IPA	Yes
Harsh chemicals	
Gasoline	Yes
Grease	Yes
Extreme Chemicals	
Acetone	Yes
IR Reflow	Yes
MEK	Yes
TCE	Yes
Xylene	Yes
Regulatory	
- Designed to resist exposure to the harshest chemicals and solvents such as Xylene and Acetone (for labels completely immersed in harsh chemicals, including H&E staining applications, we recommend 8000T LabResist - Excellent adhesion to a wide variety of substrates - Withstands prolonged exposure to high temperatures and solvents - Enhanced performance and chemical resistance when compare with standard ZXtreme™ products - Tear and water resistant - UL/cUL approved for electronic equipment and outdoor use, as a label which will last as long as the product	
Footnotes	
- When the label is applied, the environment and surface should be above this temperature. - Following correct application and appropriate dwell time (usually 24 hrs) the media will withstand this temperature range. - Following correct application and appropriate dwell time (usually 24 hrs) we expect, but do not warrant, a life span as indicated. Specificatons are subject to change without notice All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.	

Markets and Applications

- Healthcare**
- Laboratory labelling and slide labelling to withstand chemical exposure
- Manufacturing**
- Chemical resistant automotive labels to withstand harsh chemicals
- Other**
- Top-side PCB labelling