

## Z-Xtreme™ 5000T Silver

|                            |  |   |                    |                        |                |
|----------------------------|--|---|--------------------|------------------------|----------------|
| <b>Media Type</b>          | Label                                  | ✓ | <b>Film Type</b>   | Polyethylene           |                |
|                            | Receipt                                |   |                    | Polyolefin             |                |
|                            | Tag                                    |   |                    | Polypropylene          |                |
|                            | Wristband                              |   |                    | Polyester              | ✓              |
|                            |  |   |                    | Polyimide              |                |
| <b>Material Type</b>       | Paper                                  |   | <b>Properties</b>  | Cold Temperature       | ✓              |
|                            | Synthetic                              | ✓ |                    | Deep Freeze            | ✓              |
| <b>Printing Technology</b> | Direct Thermal<br>(no Ribbon Required) |   |                    | High Temperature       |                |
|                            | Thermal Transfer<br>(Ribbon Required)  | ✓ |                    | Ultra High Temperature |                |
| <b>Adhesive Type</b>       | Permanent                              | ✓ |                    | High Tack              |                |
|                            | Removable                              |   |                    | Chemical Resistance    | <b>Extreme</b> |
|                            | No Adhesive                            |   |                    |                        |                |
| <b>Finish</b>              | Matte                                  | ✓ | <b>Environment</b> | Indoor                 | ✓              |
|                            | Gloss                                  |   |                    | Outdoor                | ✓              |

Note: Z-Xtreme™ 5000T Silver must be used in conjunction with Image Lock™ ribbon to obtain the chemical resistance shown by our tests. It is a two-part solution and other resin ribbons will not print on this material. This material is not suitable for pre-prints.

### Additional Features

- Designed to resist the harshest chemicals and solvents such as Xylene and Acetone
- 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 Z-Xtreme™ 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

### Suggested Applications

- Laboratory labelling and slide labelling to withstand chemical exposure
- Chemical resistant automotive labels to withstand harsh chemicals
- Top-side PCB labelling
- Asset and serial plate labelling

### UL and cUL Recognised

UL and cUL approved for use with the following ribbons:

- Image Lock



### Technical Specifications

|           | Description                      | Caliper          |
|-----------|----------------------------------|------------------|
| Facestock | Matte silver topcoated polyester | 76 microns       |
| Adhesive  | Permanent acrylic adhesive       | 24 microns       |
| Liner     | White glassine liner             | 56 microns       |
|           | Total                            | 156 microns ±10% |

**Recommended Zebra Printers:** G-Series™, mid-range and high performance thermal printers

**Recommended Zebra Ribbons:** Image Lock

**Minimum Application Temperature:** 10°C  
When the label is applied, the environment and surface should be above this temperature

**Service Temperature Range:** -40°C to 125°C  
Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range

**Recommended Storage Conditions:** 1 year duration when stored at 21°C at 50% RH  
Storage of product before use

**Expected Life Span in Application:** Indoor use, for 1 year+  
Outdoor use, for 1 year+  
Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated



Zapraszamy do kontaktu!  
Więcej informacji: [www.kreski.pl](http://www.kreski.pl)

### Suggested Ribbons for Applications requiring Chemical Resistance

|                   | Weak  |            |            |       |                | Moderate |         |        |     | Harsh    |        |     | Extreme |           |     |     |        |
|-------------------|-------|------------|------------|-------|----------------|----------|---------|--------|-----|----------|--------|-----|---------|-----------|-----|-----|--------|
|                   | Blood | Body Fluid | Salt Water | Water | Window Cleaner | Alcohol  | Ammonia | Bleach | IPA | Gasoline | Grease | Oil | Acetone | IR Reflow | MEK | TCE | Xylene |
| <b>Image Lock</b> | ✓     | ✓          | ✓          | ✓     | ✓              | ✓        | ✓       | ✓      | ✓   | ✓        | ✓      | ✓   | ✓       | ✓         | ✓   | ✓   | ✓      |

“✓” indicates acceptable chemical resistance

### 180° Angle Peel Adhesion at Room Temperature (N/m):

| Steel |       | Polycarbonate |       | Polyethylene |       |
|-------|-------|---------------|-------|--------------|-------|
| 5 min | 24 hr | 5 min         | 24 hr | 5 min        | 24 hr |
| 693   | 913   | 451           | 594   | 286          | 363   |

Note: For guidance only, not to be used for setting specifications

### Product Performance and Suitability

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.

For testing of this material please order sample roll SAMPLE66507.

