Genuine Zebra Supplies

Not all thermal labels are created equal. Purchasing genuine Zebra® supplies means you have access to a large selection of quality, pre-tested, supplies manufactured by a thermal industry expert, reducing your risk of non-compliance.

### Key Applications

**Retail**
- Shelf-labeling, Markdown, Pharmacy, Item Labeling and Tagging

**Healthcare**
- Patient Identification, Specimen Collection, Lab Specimen Processing

**Transportation and Logistics**
- Shipping, Pallet Labeling, Packing Lists

**Manufacturing**
- Product Identification, Work-in-Process, Parts Identification

### High-Quality
- Zebra uses consistent processes and materials
  - We never substitute materials, ensuring consistent print quality.
  - Materials are selected to ensure we deliver consistent high quality products.

### Pre-Tested
- Zebra extensively tests all materials we offer in Zebra printers
  - Testing includes print quality, chemical resistance, adhesive strength and printer wear and tear.

### Reliable
- Expertise in converting thermal media.
  - Zebra is one of the largest thermal label convertors in North America.
  - We use inks, varnishes, tooling, equipment and inspection techniques specifically suited for the special requirements of thermal materials.
  - Zebra can custom-manufacture supplies that meet the needs of most applications, whether a specialty material, size, configuration or pre-print is needed.
Why Choose Genuine Zebra Supplies?

Meet end-user needs and requirements with genuine Zebra supplies. With access to over 1,000 combinations of high-quality labels, tags, receipt paper, wristbands and ribbons, in addition to 500 stock ZipShip℠ products, you will be able to meet the durability requirements of most applications.

IN ADDITION, ZEBRA HAS:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four U.S. Locations</td>
<td>These locations ensure quick delivery.</td>
</tr>
<tr>
<td>Inventory Management Programs</td>
<td>These programs improve cost and delivery time.</td>
</tr>
<tr>
<td>Printhead Protection Program</td>
<td>This program awards end-users who purchase genuine Zebra supplies with free printheads.</td>
</tr>
<tr>
<td>Extensive Manufacturing Capabilities</td>
<td>Zebra manufacturing capabilities include laminating, perforations, face and back slits, custom sizes and color pre-printing.</td>
</tr>
<tr>
<td>An Experienced Supplies R&amp;D Team</td>
<td>The team pre-tests all materials on Zebra printers and conducts additional testing to ensure it will meet the needs of the application.</td>
</tr>
<tr>
<td>ISO 9001:2008 Registered</td>
<td>Ensures you’ll always receive consistent, quality products.</td>
</tr>
</tbody>
</table>

With more than 1,000 combinations of high-quality and reliable labels, tags, receipt paper, 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 has 4 U.S. locations ensuring quick delivery.
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/cUL and CSA approvals
• UID approvals
• IMDS approvals

Manufacturing Capabilities
A world-class convertor of labels, tags, receipt paper and wristbands, 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 water-based inks for thermal materials
• Up to eight UV colors or coatings
• Front- and back-side printing
• Computerized vision-inspection systems
• UL mark

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/cUL and CSA recognized

FINISHING
• 3/4-inch to 6-inch cores
• Shrink-wrapping
• Custom kits
Custom Supplies
DISCOVER THE VALUE OF ZEBRA SUPPLIES

We specialize in manufacturing supplies to meet the exact requirements of an end-user. Whether a specialty material, configuration or pre-print is needed, we can meet your needs.

Zebra has intimate knowledge of thermal printers and understands the importance of using quality materials and processes. We offer over 300 pre-tested materials and have access to thousands more through our extensive network of suppliers. Explore some of our most common materials.

When you use high-quality, pre-tested, reliable Zebra Supplies you can rest assured that the supplies you rely on to provide critical data to improve your operations, don’t negatively affect your operational productivity and efficiency. Custom supplies are designed, manufactured and tested to high standards so you can be assured of the results.

- Experts available to assist in material selection
- Expedite service offered to reduce lead time
- Over 8,000 dies available
- Free dies on all custom media orders

Material recommendations at the click of a button

Find the correct materials for your application using Zebra’s online tool, the Supplies Material Guide, at: supplies.zebra.com

To simplify the selection process when you speak to our experts, please provide the following information in your material selection:

- Printer model
- Resistance — chemical, scratch, etc.
- Environment — indoors or outdoors, temperature, etc.
- Surface — metal, plastic, rough, curved, etc.
- Size — length, width, perforations, slits, etc.
Inventory Management Programs

MONEY-SAVING OPTIONS

We offer an array of inventory management programs for custom supplies. Because requirements vary, Zebra has developed three different inventory management solutions. From the simplicity of a blanket order to the power of our Inventory Management Program, we have a solution to help businesses save money and run more efficiently.

<table>
<thead>
<tr>
<th>Blanket Order</th>
<th>3, 4, 5 and 6 Month Make and Hold Options</th>
<th>Inventory Management Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Price protection</td>
<td>• Cost based on larger run quantity</td>
<td>• Custom product stocked for you</td>
</tr>
<tr>
<td>• Pre-scheduled shipments</td>
<td>• Flexible shipment dates and quantities</td>
<td>• Immediate shipments</td>
</tr>
<tr>
<td>• Low minimum requirements</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sample Program

OPTIONS TO OBTAIN SAMPLE MATERIALS

Sample Packs

• Contain an array of materials
• ZipShip, synthetic, wristbands, receipt paper

Sample Roll

• Available in select sizes for most materials
• Evaluation of adhesive, thickness and durability
• Ability to print many labels

Strip of Material

• Evaluation of adhesive, thickness and durability

ZipShip Roll

• Available in several sizes for our most popular materials
• Full evaluation to test in application

Pilot Run

• Exact size and configuration
• Full evaluation to test in application
# Material Naming Convention

**EXAMPLE: 8000T PIGGYBACK**

<table>
<thead>
<tr>
<th>Specialty</th>
<th>8000</th>
<th>T</th>
<th>Piggyback</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Family</strong></td>
<td><strong>Classification</strong></td>
<td><strong>Print Technology</strong></td>
<td><strong>Unique Features</strong></td>
</tr>
<tr>
<td>Z-Perform™</td>
<td>Z-Xtreme™</td>
<td>D</td>
<td>(Direct thermal)</td>
</tr>
<tr>
<td>Z-Select™</td>
<td>Z-Ultimate®</td>
<td>T</td>
<td>(Thermal transfer)</td>
</tr>
<tr>
<td>IQ Color</td>
<td>Z-Supreme™</td>
<td></td>
<td>Color</td>
</tr>
<tr>
<td>PolyO™</td>
<td>Z-Endure™</td>
<td></td>
<td>Adhesive</td>
</tr>
<tr>
<td>PolyPro™</td>
<td>Specialty</td>
<td></td>
<td>Tag / Receipt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Material</td>
</tr>
</tbody>
</table>

### Family

Zebra offers a variety of paper and synthetic media, which will meet the requirements of most applications. Paper offers an inexpensive way to print in a variety of general purpose applications, while synthetic offers more durable, long-lasting results with resistance to abrasion, moisture, and chemicals.

### Classifications

Zebra media products are classified by their level of performance and cost. Specialty products are classified separately.

### Print Technology

Thermal transfer technology uses a ribbon to transfer an image onto the label material. Direct thermal technology does not require a ribbon. Instead, a chemically coated heat-sensitive material produces images as heat is applied to the surface.

### Unique Feature

The unique feature is a material attribute that differentiates the product. For example, the product can be described by the color, adhesive, material, or whether it is a tag or receipt.
### Comparison of Thermal Transfer Ribbons

<table>
<thead>
<tr>
<th>Ribbon</th>
<th>Formulation</th>
<th>Material Compatibility</th>
<th>Darkness Setting</th>
<th>Print Speed</th>
<th>Scratch / Smear Resistance</th>
<th>Chemical Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>6000 Standard</td>
<td>Wax</td>
<td>Coated Paper</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>2000 High-Performance</td>
<td>Wax</td>
<td>Coated Paper</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>2100 High-Performance</td>
<td>Wax</td>
<td>Coated Paper</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>5319 Performance</td>
<td>Wax</td>
<td>Uncoated Paper / Coated Paper</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>6100 Standard</td>
<td>Wax / Resin</td>
<td>Coated Paper / Matte Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>5555 Standard</td>
<td>Wax / Resin</td>
<td>Coated Paper / Matte Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>3200 High-Performance</td>
<td>Wax / Resin</td>
<td>Coated Paper / Matte Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>5586 Premium</td>
<td>Wax / Resin</td>
<td>Coated Paper / Matte Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>6200 Standard</td>
<td>Resin</td>
<td>Gloss Paper / Gloss Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>5095 High-Performance</td>
<td>Resin</td>
<td>Gloss Paper / Gloss Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>5100 Premium</td>
<td>Resin</td>
<td>Gloss Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Image Lock*</td>
<td>Resin</td>
<td>Gloss / Matte Synthetics</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
</tbody>
</table>

### Adhesives

<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic</td>
<td>General-purpose; provides long-term adhesion; resistance to chemicals and UV exposure; works across a wide temperature range</td>
</tr>
<tr>
<td>Rubber</td>
<td>General-purpose; provides good initial tack; offers adhesion to rough surfaces; not recommended for auto apply</td>
</tr>
<tr>
<td>High-Performance</td>
<td>Offers higher resistance to chemicals and UV exposure; often has agency approval such as indirect food contact (FDA 175.105), UL/cUL and CSA approval</td>
</tr>
<tr>
<td>High-Temp</td>
<td>Maintains strong adhesion at high temperatures (over 300°F / 149°C)</td>
</tr>
<tr>
<td>Cold-Temp</td>
<td>Maintains strong adhesion at low temperatures (down to -112°F / -80°C)</td>
</tr>
<tr>
<td>All-Temp</td>
<td>May be applied to temperatures below freezing (32°F / 0°C)</td>
</tr>
<tr>
<td>Removable</td>
<td>Clean removal from most surfaces without damaging the label or the surface</td>
</tr>
<tr>
<td>Ultra-Removable</td>
<td>Clean removal from nearly all surfaces, including metal and glass, without damaging the label or the surface</td>
</tr>
<tr>
<td>Multi-Removable</td>
<td>Offers dual functionality; provides permanent long-term adhesion but also allows for clean removal; repositionable to allow for removal, adjustment, and reapplication</td>
</tr>
<tr>
<td>High-Tack Acrylic</td>
<td>Works well on hard-to-label surfaces and provides good resistance to chemicals and UV exposure</td>
</tr>
<tr>
<td>High-Tack Rubber</td>
<td>Works very well on hard-to-label surfaces; provides good initial tack</td>
</tr>
</tbody>
</table>

All adhesives above are permanent unless stated otherwise.
UL/cUL-Recognized and CSA-Accepted Labeling System

Zebra offers one of the largest selections of UL/cUL-certified label and ribbon combinations. In addition, all of our locations are authorized to pre-print the UL mark.

<table>
<thead>
<tr>
<th>Product</th>
<th>Material</th>
<th>Ribbon</th>
<th>Recognition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-Supreme 2000T White</td>
<td>Polymide</td>
<td>5095, 5100, 6200</td>
<td>UL/cUL indoor</td>
</tr>
<tr>
<td>Z-Supreme 4000T White</td>
<td>Polymide</td>
<td>5095, 5100, 6200</td>
<td>UL/cUL indoor</td>
</tr>
<tr>
<td>Z-Ultimate 4000T White</td>
<td>Polymide</td>
<td>5095, 5100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Ultimate 4000T Silver</td>
<td>Polyester</td>
<td>5095, 5100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Ultimate 4000T Removable</td>
<td>Polyester</td>
<td>5095, 5100</td>
<td>UL/cUL indoor</td>
</tr>
<tr>
<td>Z-Ultimate 4000T High-Tack</td>
<td>Polyester</td>
<td>5095, 5100</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Ultimate 3000T White</td>
<td>Polyester</td>
<td>5095, 5100</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Ultimate 3000T Silver</td>
<td>Polyester</td>
<td>5095, 5100</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Ultimate 4000T White</td>
<td>Polyester</td>
<td>5095, 5100, 6200</td>
<td>UL/cUL indoor</td>
</tr>
<tr>
<td>Z-Ultimate 4000T Silver</td>
<td>Polyester</td>
<td>5095, 5100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Ultimate 4000T High-Tack Silver</td>
<td>Polyester</td>
<td>5095, 5100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Xtreme 4000T White</td>
<td>Polyester</td>
<td>5319, 3200, 5586, 5095, 5100, 6100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Xtreme 4000T Silver</td>
<td>Polyester</td>
<td>5319, 3200, 5586, 5095, 5100, 6100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Xtreme 4000T High-Tack White</td>
<td>Polyester</td>
<td>5319, 3200, 5586, 5095, 5100, 6100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Xtreme 4000T High-Tack Silver</td>
<td>Polyester</td>
<td>5319, 3200, 5586, 5095, 5100, 6100, 6200</td>
<td>UL/cUL indoor / outdoor, CSA indoor / outdoor</td>
</tr>
<tr>
<td>Z-Xtreme 2000T White</td>
<td>Polyester</td>
<td>3200, 5586, 5095</td>
<td>UL/cUL indoor</td>
</tr>
<tr>
<td>Z-Xtreme 2000T Silver</td>
<td>Polyester</td>
<td>3200, 5586, 5095</td>
<td>UL/cUL indoor</td>
</tr>
<tr>
<td>Z-Xtreme 2000T Clear</td>
<td>Polyester</td>
<td>3200, 5586, 5095</td>
<td>UL/cUL indoor</td>
</tr>
<tr>
<td>8000T Void Matte</td>
<td>Polyester</td>
<td>5586, 5095</td>
<td>UL/cUL indoor / outdoor</td>
</tr>
</tbody>
</table>

Many Zebra printing systems are recognized by Underwriters Laboratory (UL/cUL) 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/cUL-recognized or CSA-accepted labeling system, please consult with your Zebra account executive to determine which printer models can be used with these UL/cUL and CSA label / ribbon combinations.

Environmental Sustainability

Reducing our impact on the environment is important to us all. Many organizations have developed environmental sustainability plans that include purchasing more environmentally friendly products. In support of these initiatives, Zebra has added eco-friendly thermal transfer labels to its line of materials.

To find these materials, look for: [Eco-friendly]

In addition to offering environmentally-friendly products, our manufacturing plants recycle much of their waste. This includes the recycling of waste matrix (a by-product of the converting process) plastic banding, stretch film, corrugate, fiber and plastic cores, plastic card material, office paper and light bulbs.
# UID Solution Supplies Selector Guide

<table>
<thead>
<tr>
<th>Media and Ribbon Combination</th>
<th>Ribbon Type</th>
<th>Material Description</th>
<th>Adhesive Types</th>
<th>Minimum Application Temperature</th>
<th>Service Temperature</th>
<th>Surface to be Labeled</th>
<th>Environment</th>
<th>Resistance</th>
<th>Compliant to Mil PRF 61002B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-Ultimate 4000T White with 5100 Ribbon</td>
<td>Resin</td>
<td>Gloss Polyester</td>
<td>Permanent Acrylic</td>
<td>50°F 10°C</td>
<td>-40°F to 302°F -40°C to 150°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass</td>
<td>Indoor Outdoor up to 3 years</td>
<td>Moisture, Abrasion, Weak-to-Moderate Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
<tr>
<td>Z-Ultimate 4000T Silver with 5100 Ribbon</td>
<td>Resin</td>
<td>Gloss Polyester</td>
<td>Permanent Acrylic</td>
<td>50°F 10°C</td>
<td>-40°F to 302°F -40°C to 150°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass</td>
<td>Indoor Outdoor up to 3 years</td>
<td>Moisture, Abrasion, Weak-to-Moderate Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
<tr>
<td>Z-Xtreme 5000T with Image Lock Ribbon</td>
<td>Resin</td>
<td>Matte Polyester</td>
<td>High-Tack Permanent Acrylic</td>
<td>50°F 10°C</td>
<td>-40°F to 302°F -40°C to 150°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass</td>
<td>Indoor Outdoor up to 3 years</td>
<td>Moisture, Abrasion, Weak-to-Moderate Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
<tr>
<td>8000T Ultra High-Tack Matte with 5095 Ribbon</td>
<td>Resin</td>
<td>Matte Polyester</td>
<td>High-Tack Permanent Acrylic</td>
<td>40°F 4°C</td>
<td>-20°F to 302°F -29°C to 150°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass, Rough Surfaces</td>
<td>Indoor Outdoor up to 3 years</td>
<td>Moisture, Weak-to-Harsh Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
<tr>
<td>PolyPro 4000T with 5095 Ribbon</td>
<td>Resin</td>
<td>Matte Polypropylene</td>
<td>Permanent Acrylic</td>
<td>10°F -12°C</td>
<td>-40°F to 250°F -40°C to 121°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass</td>
<td>Indoor Outdoor up to 2 years</td>
<td>Moisture, Weak-to-Harsh Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
<tr>
<td>8000T Image Lock with Image Lock Ribbon</td>
<td>Resin</td>
<td>Polyolefin</td>
<td>Permanent Acrylic</td>
<td>50°F 10°C</td>
<td>-112°F to 248°F -80°C to 120°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass, Curved Surfaces</td>
<td>Indoor Outdoor up to 5 years</td>
<td>Moisture, Abrasion, Weak-to-Harsh Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
<tr>
<td>Z-Endure 4000T with 5100 Ribbon</td>
<td>Resin</td>
<td>Semi-Gloss Acrylic</td>
<td>Permanent Acrylic</td>
<td>50°F 10°C</td>
<td>-40°F to 302°F -40°C to 150°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass</td>
<td>Indoor Outdoor up to 10 years</td>
<td>Moisture, Abrasion, Weak-to-Moderate Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
<tr>
<td>8000T Piggyback Clear Matte with 5586 Ribbon</td>
<td>Wax Resin</td>
<td>Gloss / Matte Polyester Combination</td>
<td>Permanent Acrylic</td>
<td>50°F 10°C</td>
<td>-40°F to 302°F -40°C to 150°C</td>
<td>Corrugate, Paper, Packaging Films, Metal, Glass</td>
<td>Indoor Outdoor up to 3 years</td>
<td>Moisture, Abrasion, Weak-to-Harsh Chemicals</td>
<td>Type II, Grade A B and C, Style 1, Composition b</td>
</tr>
</tbody>
</table>
| Product Name | TT/DT | Product Description | Applications | Temperature | Surfaces to be Labeled | Resistance | Ribbons

| | | | | Indoors | Outdoors | Minimum Application | Service | Cartonage | Paper | Packaging Films | Most Plastics | Glass | Rough Surfaces | Corrugate | Moist Surfaces | Moisture | Abrasion | Haze | Dust | Extreme | Standard Application | High Durability |
| Z-Perform | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000D DT | Uncoated 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 | • NR | 25°F -6°C | -40°F to 140°F | -40°C to 60°C | ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | NR | — | — |
| New Item 1500T 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 | • NR | 25°F -6°C | 0°F to 180°F | -18°C to 82°C | ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | 6000 2100 | 6100 5555 |
| 2000 TT | Paper label with a permanent all-temp acrylic adhesive; meets FDA 175.105 indirect food contact requirements | Labeling of packaging material including corrugate, plastic, and metal; work in process | • NR | 30°F -1°C | -65°F to 200°F | -54°C to 93°C | ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | 6000 2100 | 6100 5555 |
| New Item 2000 TT All-Temp | Paper label with a permanent all-temp acrylic adhesive that allows the label to be applied to surfaces as cold as -20°F / -29°C | Labeling of packaging material including corrugate, plastic and metal; ideal for identifying products in cold storage or refrigerated warehouses | • NR | -20°F -29°C | -65°F to 200°F | -54°C to 93°C | ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | 6000 2100 | 6100 5555 |
| 2000D DT | Paper label with an all-temp acrylic adhesive | Packaging and compliance labeling; indoor labeling applications | • NR | -40°F -40°C | -65°F to 131°F | -54°C to 55°C | ● ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | — | — |
| Z-Select | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4000T TT | Paper label with 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 | • NR | 25°F -6°C | -65°F to 200°F | -54°C to 93°C | ● ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | 6000 2100 | 5555 6100 |
| 4000T TT All-Temp | Paper label with a removable acrylic adhesive for applications requiring clean removability without damaging the label or the surface | Product identification; labeling of shelves, bins, or totes intended for reuse when labels are removed | • NR | -20°F -29°C | -65°F to 200°F | -54°C to 93°C | ● ● ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | 6000 2100 | 5555 6100 |
| 4000T Removable TT | Paper label with a removable acrylic adhesive for applications requiring clean removability without damaging the label or the surface | Product identification; labeling of shelves, bins, or totes intended for reuse when labels are removed | • NR | -40°F -4°C | -65°F to 180°F | -54°C to 82°C | ● ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | 6000 2100 | 5555 6100 |
| 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 / -29°C; meets FDA 175.105 indirect food contact requirements | Labeling of most packaging materials; document tracking; cold temperature applications; IV bag labeling | • NR | -20°F -29°C | -65°F to 140°F | -54°C to 60°C | ● ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | — | — |
| 4000D Removable DT | Paper label with a removable acrylic adhesive for applications requiring clean removability without damaging the label or the surface | General-purpose product and food labeling; removable shelf labeling | • NR | 40°F 4°C | -65°F to 140°F | -54°C to 60°C | ● ● ● ● ● ● ● ● ● ● NR | NR | NR | NR | NR | — | — |

* TT Thermal Transfer; DT Direct Thermal

* Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)

* Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
### Labels – Paper (continued)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT* DT†</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Indoor Outdoor</td>
<td>Minimum Application</td>
<td>Corrugate Paper Packaging Films Most Plastics Metal &amp; Glass Rough Surfaces Corrugated Surfaces Moist Surfaces Moisture Abrasion Chemical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IQ Color</td>
<td></td>
<td>Bright white, smooth paper facestock that has the ability to print vibrant color on demand in pre-defined zones to be used as a visual cue.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zebra Exclusive DT</td>
<td>Paper label with a permanent acrylic adhesive. Limited resistance to moisture or abrasion. Healthcare for prioritization of lab and pharmacy orders.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000D</td>
<td>DT</td>
<td>-20°F -4°C -65°F to 120°F -54°C to 40°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zebra Exclusive DT</td>
<td>Paper label with a permanent all-temp acrylic adhesive. Limited resistance to moisture or abrasion. Cold temperature applications such as frozen food labeling. Retail for shelf and product labeling.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000D All-Temp</td>
<td>DT</td>
<td>-20°F -23°C -65°F to 120°F -54°C to 49°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zebra Exclusive DT</td>
<td>Paper label with a removable acrylic adhesive. Limited resistance to moisture or abrasion. Transportation and logistics for sorting and inventory management. Manufacturing for quality control and work in process. Retail for shelf and product labeling.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000D Removable</td>
<td>DT</td>
<td>40°F 4°C -65°F to 120°F -54°C to 40°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zebra Exclusive DT</td>
<td>Opaque paper label with a high performance, acrylic-based adhesive. Limited resistance to moisture or abrasion. Applications requiring a “cover-up” label. Transportation and logistics for sorting and inventory management. Manufacturing for quality control and work in process. Retail for shelf and product labeling.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000D Opaque</td>
<td>DT</td>
<td>40°F 4°C -65°F to 120°F -54°C to 49°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specialty**

White paper labels and tags designed for unique or challenging applications. Recommended for indoor use.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TT</td>
<td>Paper label with a permanent rubber adhesive that provides high initial tack; meets FDA 175.105 indirect food contact requirements</td>
<td>Labeling of corrugate and recycled corrugate; shipping labels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000T High-Tack</td>
<td>TT</td>
<td>-65°F to 160°F -54°C to 71°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000T Super-Tack</td>
<td>TT</td>
<td>Paper label with a Hammerlock® permanent rubber adhesive that provides best initial and long-term adhesion</td>
<td>Difficult surfaces such as wood and textured substrates</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000T Multi-Removable</td>
<td>TT</td>
<td>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; repositional</td>
<td>Labeling cartons, totes, and bins; promotional and shelf labels; allows frequent application and removal of label</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000T Ultra-Removable</td>
<td>TT</td>
<td>Paper label with an ultra-removable acrylic adhesive that provides long-term clean removability</td>
<td>Removable shelf or scan pallet labels; removable document labels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000T Opaque</td>
<td>TT</td>
<td>Paper label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Applications requiring a “cover-up” label; product ID; chemical containers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
† Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
### Labels – Paper (continued)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT†</th>
<th>DT‡</th>
<th>Product Description</th>
<th>Applications</th>
<th>Indoor’s</th>
<th>Outdoor’s</th>
<th>Minimum Application</th>
<th>Service</th>
<th>Corrugate</th>
<th>Paper</th>
<th>Packaging Films</th>
<th>Most Plastics</th>
<th>Gloss</th>
<th>Rough Surfaces</th>
<th>Curved Surfaces</th>
<th>Moist Surfaces</th>
<th>Resistance</th>
<th>Abrasion</th>
<th>Wear</th>
<th>Moderate</th>
<th>Harsh</th>
<th>Extreme</th>
<th>Standard Application</th>
<th>High Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000A Piggyback</td>
<td>TT</td>
<td></td>
<td>Linerless paper label with a permanent acrylic adhesive; eliminates liner waste</td>
<td>Indoor, general-purpose labeling; meets requirements of package delivery industry</td>
<td>NR</td>
<td>NR</td>
<td>-20°F to 140°F</td>
<td>-40°C</td>
<td>-40°F</td>
<td>49°C</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000D Lineless</td>
<td>DT</td>
<td></td>
<td>Linerless paper label with permanent acrylic adhesive; eliminates liner waste</td>
<td>Indoor, general-purpose labeling; labeling of most packaging material; excellent for cold temperature applications</td>
<td>NR</td>
<td>NR</td>
<td>-20°F to 140°F</td>
<td>-40°C</td>
<td>-40°F</td>
<td>60°F</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specialty (continued)**

White paper labels and tags designed for unique or challenging applications. Recommended for indoor use.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT†</th>
<th>DT‡</th>
<th>Product Description</th>
<th>Applications</th>
<th>Indoor’s</th>
<th>Outdoor’s</th>
<th>Minimum Application</th>
<th>Service</th>
<th>Corrugate</th>
<th>Paper</th>
<th>Packaging Films</th>
<th>Most Plastics</th>
<th>Gloss</th>
<th>Rough Surfaces</th>
<th>Curved Surfaces</th>
<th>Moist Surfaces</th>
<th>Resistance</th>
<th>Abrasion</th>
<th>Wear</th>
<th>Moderate</th>
<th>Harsh</th>
<th>Extreme</th>
<th>Standard Application</th>
<th>High Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000T Piggyback</td>
<td>TT</td>
<td></td>
<td>Linerless paper label with a permanent acrylic adhesive; eliminates liner waste</td>
<td>Indoor, general-purpose labeling; labeling of most packaging material; excellent for cold temperature applications</td>
<td>NR</td>
<td>NR</td>
<td>-20°F to 140°F</td>
<td>-40°C</td>
<td>-40°F</td>
<td>60°F</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Applications**

- **Indoors:** Indoors
- **Outdoors:** Outdoors

**Temperature**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>-20°C to 140°F</td>
<td>-40°C</td>
</tr>
<tr>
<td>-40°F to 60°C</td>
<td>-194°F / 90°C</td>
</tr>
</tbody>
</table>

**Surfaces to be Labeled**

- **Corrugate**
- **Paper**
- **Packaging Films**
- **Most Plastics**
- **Gloss**
- **Rough Surfaces**
- **Curved Surfaces**
- **Moist Surfaces**

**Resistance**

- **Abrasion**
- **Wear**
- **Moderate**
- **Harsh**
- **Extreme**

**Ribbons**

- **Recommended**
- **Test In Your Application**
- **NR Not Recommended**

---

* TT Thermal Transfer, DT Direct Thermal
* Chemical Resistance: Weak (e.g. Window Cleaner), Moderate (e.g. Alcohol, Bleach), Harsh (e.g. Gasoline, Oil), Extreme (e.g. Acetone, Xylene)
* Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
## Labels – Synthetic

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT†</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>PolyO</td>
<td></td>
<td></td>
<td>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 / 93°C.</td>
<td>Chemical drum labeling; product labeling; retail applications; recyclable shrink wrap applications; labeling harness configurations</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>3000T</td>
<td>TT</td>
<td></td>
<td>Highly flexible corona-treated polyolefin label with an all temp permanent acrylic adhesive that provides high initial tack designed exclusively for industrial labeling applications</td>
<td><img src="image" alt="Chemical Resistance" /></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4000T</td>
<td>TT</td>
<td></td>
<td>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</td>
<td>Chemical drum labels; medical and pharmaceutical labeling; cold temperature storage</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>ThermaLock™</td>
<td></td>
<td></td>
<td>Silver, gloss polypropylene facestock that provides excellent print quality and fade resistance. Resistant to most chemicals and offers some flexibility for labeling curved surfaces. Provides minimal resistance to abrasion. Recommended for applications that require up to 18 months outdoors; temperature exposure up to 248°F.</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
<td></td>
</tr>
<tr>
<td>New Item</td>
<td>DT</td>
<td></td>
<td>Silver, gloss polypropylene label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Labeling of packaging material including corrugate, plastic, glass and metal; short term outdoor labeling; horticulture labeling; compliance labeling; laboratory applications</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>Thermalock</td>
<td></td>
<td></td>
<td>Highly flexible corona-treated polyolefin label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Chemical drum labelling; product labeling; retail applications; recyclable shrink wrap applications; labeling harness configurations</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>New Item</td>
<td>DT</td>
<td></td>
<td>General purpose product and food labeling; removable shelf labeling</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
<td></td>
</tr>
<tr>
<td>PolyPro</td>
<td></td>
<td></td>
<td>White 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 / 121°C.</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
<td></td>
</tr>
<tr>
<td>New Item</td>
<td>TT</td>
<td></td>
<td>Gloss polypropylene label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Chemical drum, test tube or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; labeling packages in cold storage</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>3000T</td>
<td></td>
<td></td>
<td>Highly flexible corona-treated polyolefin label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Chemical drum, test tube or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; labeling packages in cold storage</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>Best Value</td>
<td>TT</td>
<td></td>
<td>Matte polypropylene label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Chemical drum, test tube, or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; labeling packages in cold storage</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>3000T</td>
<td></td>
<td></td>
<td>Matte polypropylene label with a high-tack permanent acrylic adhesive</td>
<td>Chemical drum, medical device, or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; hard-to-label surfaces</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
<tr>
<td>3000T</td>
<td></td>
<td></td>
<td>Matte polypropylene label with a high-tack permanent acrylic adhesive</td>
<td>Chemical drum, medical device, or indirect food labeling; capital asset labeling; labeling small curved or irregularly shaped products; hard-to-label surfaces</td>
<td><img src="image" alt="Temperature" /></td>
<td><img src="image" alt="Surfaces to be Labeled" /></td>
<td><img src="image" alt="Resistance" /></td>
<td><img src="image" alt="Ribbons‡" /></td>
</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
† Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
## Labels – Synthetic (continued)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT†</th>
<th>Product Description</th>
<th>Applications</th>
<th>Chemical Resistance</th>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>PolyPro (continued)</td>
<td></td>
<td></td>
<td>White 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 / 121°C.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4000T TT</td>
<td>Matte Kimdura® polypropylene label with a permanent acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Chemical drum, medical device, or indirect food labeling, capital asset labeling; labeling small curved or irregularly shaped products, UID compliance</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
</tr>
<tr>
<td>4000T High-Tack TT</td>
<td>Matte Kimdura® polypropylene label with a high-tack acrylic permanent adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Chemical drum, medical device, or indirect food labeling, capital asset labeling; labeling small curved or irregularly shaped products, hard-to-label surfaces</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
</tr>
<tr>
<td>4000T Removable TT</td>
<td>Matte Kimdura® polypropylene label with a removable acrylic adhesive; provides good resistance to common industrial cleaning solutions</td>
<td>Removable shelf, bin, furniture, or product labeling</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
</tr>
<tr>
<td>4000D DT</td>
<td>Matte polypropylene label with an all-temp permanent acrylic adhesive that allows label to be applied to surfaces as cold as -40°F / 40°C, meets FDA 175.105 indirect food contact requirements</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
</tr>
<tr>
<td>4000D Removable DT</td>
<td>Matte polypropylene label with a removable acrylic adhesive; meets FDA 175.105 indirect food contact requirements</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
<td>Indoor, general-purpose labeling, houseware goods labeling, cold storage, provides good resistance to common industrial cleaning solutions</td>
</tr>
</tbody>
</table>

## 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 / 149°C.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT†</th>
<th>Applications</th>
<th>Minimum Application Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000T TT</td>
<td>Matte polyester label with a permanent acrylic adhesive; UL/cUL acceptances; provides moderate chemical resistance, also available in silver and clear</td>
<td>UL/cUL compliance product labeling; asset labeling; serial plate labeling</td>
<td>50°F / 10°C</td>
<td>-40°F to 302°F / -40°C to 150°C</td>
<td>Paper, Plastic, Metal, Label, Glass, Most Plastics</td>
<td>Moisture; Weather; Chemical†</td>
<td>5200 5555 5586 5095 5100</td>
</tr>
<tr>
<td>2000T Removable TT</td>
<td>Matte polyester label with a removable acrylic adhesive; provides moderate chemical resistance</td>
<td>Removable shelf or bin labels; provides good resistance to common industrial cleaning solutions</td>
<td>50°F / 10°C</td>
<td>-40°F to 302°F / -40°C to 150°C</td>
<td>Paper, Plastic, Metal, Label, Glass, Most Plastics</td>
<td>Moisture; Weather; Chemical†</td>
<td>5200 5555 5586 6100 5586 6200 5100</td>
</tr>
<tr>
<td>4000T TT</td>
<td>Matte polyester label with a high-performance acrylic adhesive; UL/cUL and CSA acceptances; provides harsh-chemical resistance; also available in silver</td>
<td>UL/cUL and CSA compliance product labeling; asset labeling; automotive labeling, particular around battery use; medical device labeling; serial plate labeling</td>
<td>50°F / 10°C</td>
<td>-40°F to 300°F / -40°C to 149°F</td>
<td>Paper, Plastic, Metal, Label, Glass, Most Plastics</td>
<td>Moisture; Weather; Chemical†</td>
<td>5200 5555 5586 6100 5586 6200</td>
</tr>
<tr>
<td>4000T High-Tack TT</td>
<td>Matte polyester label with a high-tack permanent rubber adhesive; UL/cUL and CSA acceptances; provides harsh-chemical resistance; also available in silver</td>
<td>UL/cUL and CSA compliance product labeling; medical device labeling; asset labeling; automotive labeling; serial plate labeling; hard-to-label surfaces</td>
<td>50°F / 10°C</td>
<td>-40°F to 300°F / -40°C to 149°F</td>
<td>Paper, Plastic, Metal, Label, Glass, Most Plastics</td>
<td>Moisture; Weather; Chemical†</td>
<td>5200 5555 5586 6100 5586 6200</td>
</tr>
<tr>
<td>5000T TT</td>
<td>Matte polyester label with a permanent acrylic adhesive; UL/cUL acceptances; provides the most extreme chemical resistance</td>
<td>UL/cUL compliance product labeling; asset labeling; automotive labeling, particularly around battery use; medical device labeling; serial plate labeling</td>
<td>50°F / 10°C</td>
<td>-40°F to 300°F / -40°C to 149°F</td>
<td>Paper, Plastic, Metal, Label, Glass, Most Plastics</td>
<td>Moisture; Weather; Chemical†</td>
<td>Image Lock</td>
</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
† Chemical Resistance: Weak (i.e. Window Cleaner), Moderate (i.e. Alcohol, Bleach), Harsh (i.e. Gasoline, Oil), Extreme (i.e. Acetone, Xylene)
‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
## Labels – Synthetic (continued)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT* DT†</th>
<th>Product Description</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Best Value</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000T</td>
<td>TT</td>
<td>Polyester gloss label with a high-tack permanent acrylic adhesive; UL acceptance</td>
<td>Product labeling; top-side PCB labeling; asset labeling; automotive labeling; serial plate labeling; fanfolding applications</td>
</tr>
<tr>
<td>2000T</td>
<td>TT</td>
<td>Gloss polyester label with clear gloss polyester overlaminate and a high-performance permanent acrylic adhesive; overlaminate protects color from fade in UV light for up to 2 years</td>
<td>Application requires color to be durable outdoors for up to 2 years. Vending machines; utility meters; outdoor / tools / equipment</td>
</tr>
<tr>
<td>3000T</td>
<td>TT</td>
<td>Gloss polyester label with a high-performance permanent acrylic adhesive; UL/CU and CSA acceptances; also available in silver</td>
<td>UL/CUL and CSA compliance product labeling; top-side PCB labeling; asset labeling; automotive labeling; serial plate labeling; UID compliance</td>
</tr>
<tr>
<td>4000T</td>
<td>TT</td>
<td>Gloss polyester label with a high-performance permanent acrylic adhesive; UL/CU and CSA acceptances; also available in silver and clear</td>
<td>UL/CUL and CSA compliance product labeling; top-side PCB labeling; asset labeling; automotive labeling; serial plate labeling; UID compliance</td>
</tr>
<tr>
<td>4000T</td>
<td>TT</td>
<td>Gloss polyester label with a high-tack permanent acrylic adhesive; UL/CU and CSA acceptances; also available in silver</td>
<td>UL/CUL and CSA compliance product labeling; asset labeling; automotive labeling; serial plate labeling; fanfolding applications; hard-to-label surfaces</td>
</tr>
<tr>
<td>4000T</td>
<td>TT</td>
<td>Gloss polyester label with a removable acrylic adhesive; UL/CU acceptances</td>
<td>UL/CU compliance product labeling; removable shelf or scan-pallet labels; labels in contact with moving parts or friction; fanfolding applications</td>
</tr>
<tr>
<td>Z-Ultimate</td>
<td></td>
<td>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 / 150°C.</td>
<td></td>
</tr>
<tr>
<td>Z-Supreme</td>
<td></td>
<td>White, polyimide facestock designed for high-temperature environments up to 500°F / 260°C. Recommended for printed circuit board (PCB) labeling.</td>
<td></td>
</tr>
</tbody>
</table>

### Temperature

<table>
<thead>
<tr>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>50°F 10°C</td>
</tr>
<tr>
<td>-40°F to 302°F</td>
</tr>
<tr>
<td>-40°C to 150°C</td>
</tr>
</tbody>
</table>

### Surfaces to be Labeled

<table>
<thead>
<tr>
<th>Surfaces to be Labeled</th>
</tr>
</thead>
<tbody>
<tr>
<td>NR</td>
</tr>
<tr>
<td>NR</td>
</tr>
<tr>
<td>NR</td>
</tr>
<tr>
<td>NR</td>
</tr>
<tr>
<td>NR</td>
</tr>
</tbody>
</table>

### Resistance

<table>
<thead>
<tr>
<th>Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion</td>
</tr>
<tr>
<td>Wash</td>
</tr>
<tr>
<td>Moisture</td>
</tr>
<tr>
<td>Chemical†</td>
</tr>
</tbody>
</table>

### Ribbons‡

<table>
<thead>
<tr>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>6200</td>
</tr>
<tr>
<td>5100</td>
</tr>
</tbody>
</table>

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* TT Thermal Transfer, DT Direct Thermal
* Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
† Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
### Labels – Synthetic (continued)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT/DT</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Z-Endure</strong></td>
<td></td>
<td>Long-life acrylic facestock that provides excellent print quality and resistance to scratching and smearing. Recommended for applications requiring long-term outdoor use; temperature exposure up to 200°F.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3000T</td>
<td>TT</td>
<td>White acrylic film with a reflective glass bead coating and a high-performance permanent acrylic adhesive; excellent chemical and scratch resistance; provides outdoor durability of 7 years; also available in yellow, orange and red</td>
<td>Long-term outdoor safety warning labels; utility pole labeling; warning / instructional labels for heavy equipment; durable labels for ABS, aluminum and stainless steel surfaces that will be exposed outdoors for up to 7 years</td>
<td>50°F 10°C</td>
<td>-40°F to 176°F</td>
<td>-40°C to 80°C</td>
<td>-112°F to 248°F</td>
</tr>
<tr>
<td>4000T</td>
<td>TT</td>
<td>White acrylic label with a permanent acrylic adhesive that offers 10-year outdoor durability</td>
<td>Vending machines, utility meters, signs, posts; outdoor tools / equipment that require extended exposure up to 10 years, UID compliance</td>
<td>50°F 10°C</td>
<td>-40°F to 212°F</td>
<td>-40°C to 100°C</td>
<td>-112°F to 248°F</td>
</tr>
</tbody>
</table>

### Specialty

White, synthetic labels designed for unique or challenging applications.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT/DT</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000T Image Lock</td>
<td>TT</td>
<td>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</td>
<td>Chemical drums; laboratory labeling; automotive labeling; process control of electronic components; serial plate labeling; UID compliance</td>
<td>50°F 10°C</td>
<td>-112°F to 248°F</td>
<td>-80°C to 120°C</td>
<td>—</td>
</tr>
<tr>
<td>8000T Low-Temp Matte</td>
<td>TT</td>
<td>Matte polyolefin label with a cold-temperature permanent acrylic adhesive that offers -112°F / -80°C performance for low-temperature use; provides resistance to repeated freeze and thaw cycles</td>
<td>Cold temperature applications down to -112°F / -80°C; cold storage; virology labeling, genetics labeling, DNA sequencing; labeling vials, test tubes, ampules</td>
<td>50°F 10°C</td>
<td>-112°F to 200°F</td>
<td>-80°C to 93°C</td>
<td>—</td>
</tr>
<tr>
<td>8000T CryoCool™</td>
<td>TT</td>
<td>Polypropylene label with a cold-temperature permanent acrylic adhesive that offers extremely low-temperature performance down to -320°F / -196°C</td>
<td>Cryogenic applications involving a deep freezing process; medical labs, hospitals</td>
<td>-20°F -29°C</td>
<td>-320°F to 190°F</td>
<td>-196°C to 85°C</td>
<td>—</td>
</tr>
<tr>
<td>8000T Low-Temp Gloss</td>
<td>TT</td>
<td>Gloss polypropylene label with a cold-temperature permanent acrylic adhesive that offers -112°F / -80°C performance for low-temperature use; provides outdoor durability for 5.2 years; available in white</td>
<td>Cold temperature applications down to -112°F / -80°C; cold storage; virology labeling, genetics labeling, DNA sequencing; steam sterilization</td>
<td>50°F 10°C</td>
<td>-112°F to 200°F</td>
<td>-80°C to 93°C</td>
<td>—</td>
</tr>
<tr>
<td>8000T Primary Blood Bag</td>
<td>TT</td>
<td>Polypropylene label with an all-temp acrylic adhesive; compliant with FDA 175.105</td>
<td>Primary blood bag labeling; IV bag labeling</td>
<td>-20°F -29°C</td>
<td>-65°F to 200°F</td>
<td>-54°C to 93°C</td>
<td>—</td>
</tr>
<tr>
<td>8000T Blood Bag</td>
<td>TT</td>
<td>Polypropylene label with a permanent acrylic adhesive</td>
<td>Secondary blood bag labeling; should not be applied directly to blood bag</td>
<td>45°F 7°C</td>
<td>-40°F to 250°F</td>
<td>-40°C to 120°C</td>
<td>—</td>
</tr>
<tr>
<td>8000T Jewelry</td>
<td>TT</td>
<td>Polypropylene label with a permanent acrylic adhesive; provides high print quality and smudge resistance; available in custom colors</td>
<td>Ideal for jewelry and ring labels; safe to use in jewelry steamers and cleaners</td>
<td>45°F 7°C</td>
<td>-40°F to 250°F</td>
<td>-40°C to 12°C</td>
<td>—</td>
</tr>
<tr>
<td>8000D Jewelry</td>
<td>DT</td>
<td>Polypropylene label with a permanent acrylic adhesive; UV shield provides resistance to ultraviolet light; available in custom colors</td>
<td>Ideal for jewelry and ring labels; safe to use in jewelry cleaners</td>
<td>-10°F -23°C</td>
<td>-40°F to 120°F</td>
<td>-40°C to 49°C</td>
<td>—</td>
</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
* Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
* Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
## Labels – Synthetic (continued)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT†</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Service</td>
</tr>
<tr>
<td>2-Slip</td>
<td>DT</td>
<td></td>
<td>Direct thermal paper tag combined with a clear polypropylene label featuring a permanent acrylic adhesive</td>
<td>Packing slip, invoice and compliance labeling</td>
<td>23°F – 5°C</td>
<td>-20°F to 13°F</td>
<td>-29°C to 55°C</td>
<td>NR</td>
</tr>
<tr>
<td>800D Shelf Label</td>
<td>DT</td>
<td></td>
<td>Matte polypropylene label with a tamper-proof adhesive. Features a varnish that protects the image, allowing the 800D Shelf Talker Clear to be placed over 4 and removed cleanly</td>
<td>Shelf label that withstands refrigeration and freezing</td>
<td>-20°F to -29°C</td>
<td>-40°F to 150°F</td>
<td>-40°C to 66°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T GHS Laminate</td>
<td>TT</td>
<td></td>
<td>Thermal transfer white polypropylene label with a clear gloss polyester overlaminate and permanent acrylic adhesive. Overlaminate provides added durability for pre-printed red diamonds against abrasion and chemicals. BS 5609 Section 2 and 3 certified when paired with 5095 resin ribbon.</td>
<td>Chemical drum labeling, GHS applications with pre-printed color, specifically those requiring BS 5609 Section 2 and 3 compliance</td>
<td>45°F – 7°C</td>
<td>-65°F to 200°F</td>
<td>-54°C to 93°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T Ultra High-Tack Matte</td>
<td>TT</td>
<td></td>
<td>Matte polyester label with a high-tack permanent acrylic adhesive for difficult-to-label surfaces</td>
<td>Asset and machinery tracking; labeling textured surfaces, plastic, painted or bare metal and wood; UID compliance</td>
<td>50°F – 10°C</td>
<td>-20°F to 302°F</td>
<td>-29°C to 150°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T RetroScan</td>
<td>TT</td>
<td></td>
<td>Silver gloss retro-reflective polyester label with a permanent acrylic adhesive designed specifically for long-range scanning</td>
<td>Indoor warehouse bin / shelf / location labels for long-range scanning</td>
<td>45°F – 7°C</td>
<td>-40°F to 300°F</td>
<td>-40°C to 149°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T ESD Gloss</td>
<td>TT</td>
<td></td>
<td>Gloss polyester electrostatic dissipative label with a high-temp permanent acrylic adhesive; meets ESD S11.11 Surface Resistance Test requirements</td>
<td>Applications requiring resistance to electrostatic discharge; circuit boards, disk drives, and other sensitive electronic components</td>
<td>50°F – 10°C</td>
<td>-40°F to 302°F</td>
<td>-40°C to 150°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T Piggyback Clear Matte</td>
<td>TT</td>
<td></td>
<td>Piggyback matte polyester label with a permanent acrylic adhesive that can be over-laminated with a clear polyester liner</td>
<td>Asset management labeling; chemical containers; automotive labeling; UID compliance</td>
<td>50°F – 10°C</td>
<td>-40°F to 302°F</td>
<td>-40°C to 150°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T Void Gloss</td>
<td>TT</td>
<td></td>
<td>White gloss polyester label with a tamper-proof adhesive that leaves a “void” pattern when label is removed</td>
<td>Serial number plates; warranty / authenticity label; tamper-evident security labels; capital asset labeling</td>
<td>50°F – 10°C</td>
<td>-40°F to 158°F</td>
<td>-40°C to 70°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T Void Matte Silver</td>
<td>TT</td>
<td></td>
<td>Matte polyester label with a tamper-proof adhesive that leaves a “void” pattern when label is removed; UL acceptances</td>
<td>Serial number plates; warranty / authenticity label; tamper-evident security labels; capital asset labeling</td>
<td>50°F – 10°C</td>
<td>-40°F to 104°F</td>
<td>-40°C to 40°C</td>
<td>NR</td>
</tr>
<tr>
<td>800T Checkerboard Gloss Silver</td>
<td>TT</td>
<td></td>
<td>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 / 80°C</td>
<td>Security and product authentication applications such as cellular phones</td>
<td>50°F – 10°C</td>
<td>-40°F to 176°F</td>
<td>-40°C to 80°C</td>
<td>NR</td>
</tr>
</tbody>
</table>

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‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
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<tr>
<th>Product Name</th>
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<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Surfaces to be Labeled</th>
<th>Resistance</th>
<th>Ribbons†</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000T GHS Polyester</td>
<td>TT</td>
<td></td>
<td>Thermal transfer white matte polyester label with a permanent acrylic adhesive. Provides excellent chemical resistance. Adhesive system designed to bond well to painted steel, fiber and plastic drums. BS 5609 Section 2 and 3 certified when paired with 5095 resin ribbon and Red Resin ribbon.</td>
<td>Chemical drum labeling; GHS applications, specifically those requiring BS 5609 Section 2 and 3 compliance</td>
<td>10°F -12°C  -40°F to 302°F -40°C to 150°C</td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Corrugate Paper</td>
</tr>
<tr>
<td>8000T GHS Vinyl</td>
<td>TT</td>
<td></td>
<td>Thermal transfer matte white vinyl label with a permanent acrylic adhesive. Offers exceptional flexibility for curved surfaces and excellent chemical resistance. Adhesive system designed to bond well to painted steel, fiber and plastic drums. BS 5609 Section 2 and 3 certified when paired with 5095 resin ribbon and Red Resin ribbon.</td>
<td>Chemical drum labeling; GHS applications, specifically those requiring BS 5609 Section 2 and 3 compliance</td>
<td>10°F -12°C  -40°F to 176°F -40°C to 80°C</td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Corrugate Paper</td>
</tr>
<tr>
<td>8000T Z-Destruct*</td>
<td>TT</td>
<td></td>
<td>Vinyl label with a permanent acrylic adhesive that destructs when label is removed</td>
<td>Serialized data and warranty labels; applications requiring destructible solution; ideal for high-value electronics</td>
<td>50°F to 10°C  -60°F to 250°F -5°C to 121°C</td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Corrugate Paper</td>
</tr>
<tr>
<td>8000T Vinyl Clear</td>
<td>TT</td>
<td></td>
<td>Clear matte vinyl label with a permanent acrylic adhesive that is highly flexible</td>
<td>Wrap around wire labeling; wrap around vial or tube labeling</td>
<td>50°F to 10°C  -40°F to 176°F -40°C to 80°C</td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Corrugate Paper</td>
</tr>
<tr>
<td>8000T Vinyl Outlast</td>
<td>TT</td>
<td></td>
<td>White semi-gloss vinyl label with a permanent acrylic adhesive; offers excellent flexibility for curved surfaces; provides outdoor durability of 5 years and excellent UV resistance</td>
<td>Vial or tube labeling; warranty labeling; safety warning labels; outdoor piping requiring outdoor durability of up to 5 years</td>
<td>50°F to 10°C  -40°F to 170°F -40°C to 77°C</td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Corrugate Paper</td>
</tr>
<tr>
<td>8000T Cling</td>
<td>TT</td>
<td></td>
<td>Gloss static cling vinyl label</td>
<td>Oil change, preventive maintenance and service, temporary parking stickers</td>
<td>32°F 0°C  -40°F to 200°F -40°C to 93°C</td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Corrugate Paper</td>
</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
* Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
† Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
## Tags – Paper

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT*</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Resistance</th>
<th>Ribbons‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-Perform</td>
<td></td>
<td></td>
<td>Bright white, smooth paper facestock that provides the optimal balance between performance and price for industrial applications. Recommended for indoor use.</td>
<td>General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets</td>
<td>indoors: NR, outdoors: NR</td>
<td>-50°F to 200°F, -46°C to 93°C</td>
<td>NR</td>
</tr>
<tr>
<td>1000T Tag</td>
<td>TT</td>
<td></td>
<td>Uncoated paper tag available in 7.5 and 9.5 mil thickness</td>
<td>General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets</td>
<td>recommended: NR, tested: NR</td>
<td>-50°F to 200°F, -46°C to 93°C</td>
<td>NR</td>
</tr>
<tr>
<td>1000D Tag</td>
<td>DT</td>
<td></td>
<td>Uncoated paper tag available in 5.3 mil thickness</td>
<td>General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets</td>
<td>recommended: NR, tested: NR</td>
<td>-40°F to 140°F, -40°C to 60°C</td>
<td>NR</td>
</tr>
<tr>
<td>Z-Select</td>
<td></td>
<td></td>
<td>Premium, bright white, ultra-smooth paper facestock specially coated to provide optimal quality. Ideal for high-speed printing applications where print quality is important. Recommended for indoor use.</td>
<td>General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets</td>
<td>recommended: NR, tested: NR</td>
<td>-40°F to 140°F, -40°C to 60°C</td>
<td>NR</td>
</tr>
<tr>
<td>4000T Tag</td>
<td>TT</td>
<td></td>
<td>Paper tag available in 5.0, 7.0, and 9.0 mil thickness</td>
<td>General-purpose ticketing; retail hang tags; inventory control and shop floor tracking tickets</td>
<td>recommended: NR, tested: NR</td>
<td>-40°F to 120°F, -40°C to 49°C</td>
<td>NR</td>
</tr>
<tr>
<td>4000D Tag</td>
<td>DT</td>
<td></td>
<td>Paper tag available in 5.3 and 7.5 mil thickness</td>
<td>General-purpose ticketing; shop floor tracking tickets; retail hang tag</td>
<td>recommended: NR, tested: NR</td>
<td>-40°F to 120°F, -40°C to 49°C</td>
<td>NR</td>
</tr>
<tr>
<td>IQ Color</td>
<td></td>
<td></td>
<td>Bright white, smooth paper facestock that has the ability to print vibrant color on demand in pre-defined zones to be used as a visual cue.</td>
<td>General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets</td>
<td>recommended: NR, tested: NR</td>
<td>-40°F to 120°F, -40°C to 49°C</td>
<td>NR</td>
</tr>
<tr>
<td>New Item</td>
<td>DT</td>
<td></td>
<td>Paper tag available in 7.0 mil thickness</td>
<td>General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets</td>
<td>recommended: NR, tested: NR</td>
<td>-40°F to 120°F, -40°C to 49°C</td>
<td>NR</td>
</tr>
<tr>
<td>2000D Tag</td>
<td></td>
<td></td>
<td>Paper tag available in 7.0 mil thickness</td>
<td>General-purpose ticketing; retail hang tags; inventory and shop floor tracking tickets</td>
<td>recommended: NR, tested: NR</td>
<td>-40°F to 120°F, -40°C to 49°C</td>
<td>NR</td>
</tr>
</tbody>
</table>

* TT: Thermal Transfer, DT: Direct Thermal
† Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
## Tags – Synthetic

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT*</th>
<th>Product Description</th>
<th>Applications</th>
<th>Temperature</th>
<th>Resistance</th>
<th>Ribbons†</th>
</tr>
</thead>
<tbody>
<tr>
<td>PolyPro</td>
<td></td>
<td></td>
<td>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.</td>
<td>Indoor, general purpose tagging, wire marking, visitor passes, bin tags, pallets</td>
<td>● ● —</td>
<td>-40°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>4000T Tag</td>
<td>TT</td>
<td></td>
<td>Polypropylene tag available in 7.0 and 8.5 mil thickness</td>
<td>Outdoor, general purpose tagging, wire marking, visitor passes, bin tags, pallets</td>
<td>● ● —</td>
<td>-40°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>Z-Ultimate</td>
<td></td>
<td></td>
<td>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.</td>
<td>Tags requiring high environmental resistance; outdoor storage tags; water immersed tags, steel tags; high-quality hang tags</td>
<td>● ● —</td>
<td>-40°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>4000T Tag</td>
<td>TT</td>
<td></td>
<td>Gloss polyester laminated tag available in 8.0 mil thickness</td>
<td>Tags requiring high environmental resistance; outdoor storage tags; water immersed tags, steel tags; high-quality hang tags</td>
<td>● ● —</td>
<td>-40°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>Specialty</td>
<td></td>
<td></td>
<td>White, synthetic tags designed for unique or challenging applications.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Item</td>
<td>TT</td>
<td></td>
<td>Thermal transfer printable magnet that provides excellent chemical and smear / scratch resistance. Unique solution for applications requiring clean removability. Sticks best to iron, steel and other magnetic surfaces. Up to 1 year outdoor durability.</td>
<td>Applications requiring clean removability; reusable tote labeling, temporary rack labeling, flex space labeling; product ID labeling, work-in-process</td>
<td>● ● -15°F -26°C -15°F to 160°F -26°C to 70°C</td>
<td>● ● ● ● ● ●</td>
<td>NR NR —</td>
</tr>
<tr>
<td>8000T Magnetic Tag</td>
<td>TT</td>
<td></td>
<td>Tyvek® olefin tag that provides tear resistance and durability; lightweight; available in 8.0 mil thickness</td>
<td>Sewn-in tags, lawn tags, garment tags; seat belts; greenhouse and nursery tags, staple-on tags; outdoor storage</td>
<td>● ● —</td>
<td>-40°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>8000T Light-Weight Tag</td>
<td>TT</td>
<td></td>
<td>Valéron® polyethylene tag that provides the highest tear resistance and durability; available in 7.5 and 9.5 mil thickness</td>
<td>Nursery tags; lumber tags; construction applications; outdoor storage tags</td>
<td>● ● —</td>
<td>70°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>8000T Tuff Tag</td>
<td>TT</td>
<td></td>
<td>Valéron® polyethylene tag that provides the highest tear resistance and durability; available in 7.5 and 9.5 mil thickness</td>
<td>Nursery tags; lumber tags; construction applications; outdoor storage tags</td>
<td>● ● —</td>
<td>-70°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>8000T Ulta-Tuff Tag</td>
<td>TT</td>
<td></td>
<td>Valéron® polyethylene tag that provides the highest tear resistance and durability; available in 7.5 and 9.5 mil thickness</td>
<td>Nursery tags; lumber tags; construction applications; outdoor storage tags</td>
<td>● ● —</td>
<td>-70°F to 200°F</td>
<td>● ● ● ● ● ●</td>
</tr>
<tr>
<td>8000T Nylon Tag</td>
<td>DT</td>
<td></td>
<td>Woven nylon tag that may be sewn into clothing; provides outstanding print quality, available in 5.7 mil thickness</td>
<td>Seat belt tagging; care tag applications</td>
<td>● ● —</td>
<td>-40°F to 302°F</td>
<td>● ● ● ● ● ●</td>
</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
† Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
## Receipts – Paper

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT*</th>
<th>Product Description</th>
<th>Applications</th>
<th>Indoors</th>
<th>Outdoors</th>
<th>Thickness (Mil)</th>
<th>Service Temperature</th>
<th>Archivability</th>
<th>Topcoated</th>
<th>Sensitivity</th>
<th>Moisture</th>
<th>Abrasion</th>
<th>Chemical†</th>
<th>Standard Application</th>
<th>High Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Z-Perform</strong></td>
<td></td>
<td></td>
<td>Bright white, smooth paper facestock that provides the optimal balance between performance and price for industrial applications. Recommended for indoor use.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000D Receipt</td>
<td>DT</td>
<td></td>
<td>Premium receipt paper that offers excellent quality at a low cost</td>
<td>General purpose mobile workforce applications including route accounting and field service</td>
<td>✔ NR</td>
<td>2.4 or 3.5</td>
<td>-40°F to 140°F -40°C to 60°C</td>
<td>10 years</td>
<td>No</td>
<td>2.4 mil — Medium, 3.5 mil — High</td>
<td>NR</td>
<td>✔ NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>—</td>
</tr>
<tr>
<td><strong>Z-Select</strong></td>
<td></td>
<td></td>
<td>Premium, bright white, ultra-smooth paper facestock specially coated to provide optimal quality. Ideal for high-speed printing applications where print quality is important. Recommended for indoor use.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4000D Receipt</td>
<td>DT</td>
<td></td>
<td>Receipt paper featuring a topcoat that allows for exceptional long-life durability and resistance</td>
<td>Mobile workforce applications including route accounting and field service</td>
<td>✔ NR</td>
<td>3.2</td>
<td>-40°F to 140°F -40°C to 60°C</td>
<td>25 years</td>
<td>Yes</td>
<td>High</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td>4000T Receipt</td>
<td>TT</td>
<td></td>
<td>Receipt paper available in 3.0 mil thickness</td>
<td>Staple-on tickets; plastic bag inserts; packing lists</td>
<td>✔ NR</td>
<td>3.0</td>
<td>-40°F to 200°F -40°C to 93°C</td>
<td>10 years</td>
<td>Yes</td>
<td>—</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td><strong>IQ Color</strong></td>
<td></td>
<td></td>
<td>Bright white, smooth paper facestock that has the ability to print vibrant color on demand in pre-defined zones to be used as a visual cue.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Item</td>
<td>DT</td>
<td></td>
<td>Receipt paper available in 3.3 mil thickness</td>
<td>Mobile workforce applications including route accounting and field service</td>
<td>✔ NR</td>
<td>3.3</td>
<td>-40°F to 120°F -40°C to 49°C</td>
<td>1 year</td>
<td>No</td>
<td>High</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td><strong>Specialty</strong></td>
<td></td>
<td></td>
<td>White receipt paper designed for unique or challenging applications. Recommended for indoor use.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000D High-Temp Receipt</td>
<td>DT</td>
<td></td>
<td>Receipt paper that provides temperature resistance up to 94°F / 90°C, offers superior durability under fluorescent bulbs and partial UV exposure (through a window)</td>
<td>Mobile workforce applications that will be exposed to high temperature including e-citation</td>
<td>✴</td>
<td>3.2</td>
<td>-40°F to 194°F -40°C to 90°C</td>
<td>20 years</td>
<td>Yes</td>
<td>—</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>NR</td>
<td>NR</td>
</tr>
</tbody>
</table>

## Receipts – Synthetic

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT*</th>
<th>DT*</th>
<th>Product Description</th>
<th>Applications</th>
<th>Indoors</th>
<th>Outdoors</th>
<th>Thickness (Mil)</th>
<th>Service Temperature</th>
<th>Archivability</th>
<th>Topcoated</th>
<th>Sensitivity</th>
<th>Moisture</th>
<th>Abrasion</th>
<th>Chemical†</th>
<th>Standard Application</th>
<th>High Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PolyPro</strong></td>
<td></td>
<td></td>
<td>White, matte polypropylene facestock that provides high print quality and resistance to scratching and smearing.</td>
<td>Mobile workforce applications, such as e-citation, that will be exposed to moisture and require a durable receipt</td>
<td>✴ ✴</td>
<td>3.8</td>
<td>-40°F to 140°F -40°C to 60°C</td>
<td>10 years</td>
<td>Yes</td>
<td>High</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>✴</td>
<td>NR</td>
<td>NR</td>
</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
† Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
§ Archivability: The thermal image will remain legible for the archival life provided the image is fully developed on the recommended thermal printer and the document is stored with compatible materials under proper storage conditions

**Ribbons**: Recommended ✴, Test In Your Application ✴ ✴, Not Recommended ✴ ✴ ✴
<table>
<thead>
<tr>
<th>Product Name</th>
<th>TT* DT*</th>
<th>Product Description</th>
<th>Applications</th>
<th>Indoors</th>
<th>Outdoors</th>
<th>Closure Type</th>
<th>Service Temperature</th>
<th>Moisture</th>
<th>Abrasion</th>
<th>Weak</th>
<th>Moderate</th>
<th>Harsh</th>
<th>Extreme</th>
<th>Chemical†</th>
<th>Standard Application</th>
<th>High Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-Band®</td>
<td></td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UltraSoft</td>
<td>DT</td>
<td>Soft, flexible polypropylene and vinyl wristband with an adhesive tab for securement and a silver antimicrobial coating; tamper-evident; MR-Safe; Scannable up to 14 days</td>
<td>Patient identification in healthcare facilities</td>
<td>● ●</td>
<td></td>
<td>Adhesive</td>
<td>-40°F to 140°F</td>
<td>● ● ● ●</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comfort</td>
<td>DT</td>
<td>Light-weight, flexible polypropylene wristband with an adhesive tab for securement and a silver antimicrobial coating; tamper-evident; color-coding options; latex-free; MR-Safe; Scannable up to 7 days</td>
<td>Patient identification in healthcare facilities</td>
<td>● ●</td>
<td></td>
<td>Adhesive</td>
<td>-40°F to 140°F</td>
<td>● ● ● ●</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Direct</td>
<td>DT</td>
<td>Polypropylene wristband with an adhesive tab for securement, tamper-evident slits, color-coding options; latex-free; MR-safe; Scannable up to 14 days</td>
<td>Patient identification in healthcare facilities</td>
<td>● ●</td>
<td></td>
<td>Adhesive</td>
<td>-40°F to 140°F</td>
<td>● ● ● ●</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QuickClip™</td>
<td>DT</td>
<td>Polypropylene wristband with secure clip closure; color clips available; latex-free; MR-safe; Scannable up to 14 days</td>
<td>Patient identification in healthcare facilities</td>
<td>● ●</td>
<td></td>
<td>Clip</td>
<td>-40°F to 140°F</td>
<td>● ● ● ●</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soft Infant</td>
<td>DT</td>
<td>Polypropylene wristband with a soft nylon lining delicate enough for fragile skin. Features an adhesive closure; latex free; MR-safe</td>
<td>Patient identification in healthcare facilities of infants with sensitive skin</td>
<td>● ●</td>
<td></td>
<td>Adhesive</td>
<td>-40°F to 140°F</td>
<td>● ● ● ●</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4000</td>
<td>TT</td>
<td>Thermal transfer, white, gloss polyester wristband with a permanent acrylic adhesive; latex free; Scannable up to 14 days</td>
<td>Patient identification in healthcare facilities</td>
<td>● ●</td>
<td></td>
<td>Adhesive</td>
<td>-20°F to 300°F</td>
<td>● ● ● ●</td>
<td>● NR</td>
<td>5095</td>
<td>5100</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fun</td>
<td>DT</td>
<td>Polypropylene wristband with an adhesive tab for securement. For one-day use and minimal water exposure in the recreation market.</td>
<td>Guest identification, tracking and access control. Ideal for carnivals / amusement parks, fairs / festivals, theme parks, zoos / aquariums, sporting events, concerts and nightclubs.</td>
<td>● ●</td>
<td></td>
<td>Adhesive</td>
<td>-40°F to 140°F</td>
<td>● ● ● ●</td>
<td>NR</td>
<td>NR</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Splash</td>
<td>DT</td>
<td>Polypropylene wristband with an adhesive tab for securement. For multi-day use and excessive water exposure in the recreation market.</td>
<td>Guest identification, tracking and access control. Ideal for water parks, resorts and cruise lines.</td>
<td>● ●</td>
<td></td>
<td>Adhesive</td>
<td>-40°F to 140°F</td>
<td>● ● ● ●</td>
<td>NR</td>
<td>NR</td>
<td></td>
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</tr>
</tbody>
</table>

* TT Thermal Transfer, DT Direct Thermal
† Chemical Resistance: Weak (ie. Window Cleaner), Moderate (ie. Alcohol, Bleach), Harsh (ie. Gasoline, Oil), Extreme (ie. Acetone, Xylene)
‡ Suggested Ribbons: Standard Application (Weak and Moderate Chemicals), High Durability (Abrasion, Harsh and Extreme Chemicals)
Reduce Ticket Fraud and Revenue Loss

LOOKING TO INCREASE GUEST SPENDING AND REDUCE TICKET FRAUD?

Zebra’s new economical, barcoded, print-on-demand wristbands enable cashless point of sale and access management.

- For economical, one-day use: **Z-Band Fun**
- For multiple days or excessive water exposure: **Z-Band Splash**

Discover the advantages. Visit [www.zebra.com/supplies](http://www.zebra.com/supplies)