Thermal Transfer Ribbons

Standard

Videojet Standard Ribbons

- Excellent sensitivity and compatibility with various substrates such as coated papers, metallic foils and poly films
- Very good print quality at high speeds; sharp bar codes at 90°
- Very good resistance to smudging and abrasion
- Excellent light resistance

Choose Standard Ribbons for printing bar codes, logos, text, graphics, batch numbers and real-time dates directly on packaging materials.

Videojet Standard Ribbons provide excellent performance in a multitude of applications like bagged snacks, fresh and frozen vegetables, meat and poultry, dried fruit and candy.

Featuring advanced backcoat technology, all Videojet ribbons help ensure excellent print quality and extended printhead life.

Videojet Standard Ribbons, available in various lengths, widths and colors, are designed for optimal performance in the Videojet® 6X00 series and DataFlex® lines of thermal transfer printers.

Performance characteristics

### Print Quality

<table>
<thead>
<tr>
<th>Blackness Macbeth D9C</th>
<th>0</th>
<th>0.5</th>
<th>1</th>
<th>1.5</th>
<th>2</th>
<th>2.2</th>
<th>2.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sharpness</th>
<th>0</th>
<th>20</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>0° Barcode</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>90° Barcode</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODR</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Speed and Substrate Compatibility

<table>
<thead>
<tr>
<th>Printing Speed (mm/s)</th>
<th>0</th>
<th>200</th>
<th>400</th>
<th>600</th>
<th>800</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODR</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Substrate Compatibility

- Polyethylene
- Polypropylene
- Polyester
- Metalized foil
- Synthetic labels

### Print Durability

<table>
<thead>
<tr>
<th>Mechanical Resistance (rub/scratchflake)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No damage after 200 cycles</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Heat Resistance (max.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0˚ Barcode</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>90˚ Barcode</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

Videojet evaluation of observed performances of the Standard Ribbon with optimized printer setting and receptors.
Standard
Thermal Transfer Ribbons

Specifications

PET Film
Thickness: 4.5μm

Backcoating
Silicon based with anti-static properties. Friction coefficient: Kd<0.2

Tear resistance
> 300 N/mm² (MD)

Ink
Wax/resin blend

Melting point
80°C (176°F)

Thickness
(Black): <9μm

Maximum printing speed
800mm/s (32inch/sec)

Storage
12 months, 5-35°C (40-95°F), 20-80% relative humidity

Available Colors
• (K) Black
• (N) Brown (PMS 484C)
• (R) Red (PMS 1788C)
• (O) Orange (PMS 151C)
• (Y) Yellow
• (G) Green (PMS Green C)
• (C) Cyan
• (L) Blue (PMS Reflex Blue C)
• (M) Magenta
• (BW) Brilliant White

Certifications and approvals

Heavy metals
This ribbon is compliant with EC 95/638. SGS reports are available upon request.

RoHS/WEEE
Videojet ribbons are compliant with EC directives 2002/95 and 2002/96

REACH
This ribbon is compliant with REACH requirements. Videojet ribbons do not contain the Substances of Very High Concern (SVHC).

CP65
This ribbon is free from the substances listed in California Proposition 65

Food contact
Standard black, red, green and white ribbons are compliant with the European Directive 1935/2004/EC

Halogen
This ribbon is halogen free

Call 800-843-3610
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