**Videojet Ultra Ribbons**

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

Choose Ultra Ribbons for printing bar codes, logos, text, graphics, batch numbers and real-time dates directly on packaging materials. Superior adhesion characteristics help guarantee code durability through the supply chain.

Videojet Ultra Ribbons provide stellar 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 outstanding print quality and extended printhead life.

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

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**Performance characteristics**

<table>
<thead>
<tr>
<th>Print Quality</th>
<th>Speed and Substrate Compatibility</th>
<th>Substrate Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blackness</td>
<td>Printing Speed</td>
<td>Polyethylene</td>
</tr>
<tr>
<td>Macbeth D19C</td>
<td>0 8 16 24 32 40 ips</td>
<td>Polypropylene</td>
</tr>
<tr>
<td>Sharpness</td>
<td>0 20 40 60 80 100</td>
<td>Polyester</td>
</tr>
<tr>
<td>0° Barcode</td>
<td>0 1 2 3 4 5</td>
<td>Metalized foil</td>
</tr>
<tr>
<td>90° Barcode</td>
<td>0 1 2 3 4 5</td>
<td>Synthetic labels</td>
</tr>
</tbody>
</table>

**Mechanical Resistance (rub/scratch/flake)**

Crockmeter, 680 g/cm², no damage after 200 cycles

- 0° Barcode: 4
- 90° Barcode: 5

**Heat Resistance (max.)**

- 0° Barcode: 230°C
- 90° Barcode: 200°C

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

Specifications

PET Film
Thickness: 4.0μm

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

Tear resistance
>220 N/mm² (MD)

Ink
Wax/resin blend

Melting point
65°C (149°F)

Thickness
(Black): <7μm

Maximum printing speed
1000mm/s (40inch/sec)

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

Available Colors

• (K) Black

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
Ultra black ribbons are compliant with the European Directive 1935/2004/EC

UL Approved
Legibility and durability of the printed label

Call 800-843-3610
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