**Colour**

**Thermal Transfer Ribbons**

Under the name **brilliant color** we present different colours in wax quality for many applications on all flat-head printers, like CAB, Datamax, Eltron, Intermec, Sato, Valentin, Zebra, etc.

**Properties**
- High opacity, vibrant colours
- High resolution, good printing of small characters and fine lines
- High sensitivity for increased print-head life
- Very flexible, good results on all types of paper and cardboard substrates
- Customer specific colours can be developed if a minimum quantity of 10,000 m² is reached

**Application**
- Highlighting of important information
- Product identification and differentiation by colours
- Suitable for high quality labels in corporate colour
- High printing speed

**Recommended label stock**
- Vellum, matt- and gloss-coated paper, cast-coated paper like Chromolux
- Cardboard materials

- **Print density** for different colours between (with suitable filters on coated paper) 1,4 – 1,9 MacBeth
- **Maximum printing speed** = up to 250 mm/s
- **Resistance** = 70 °C
- **Label adaptability** = 3
- **Scratch resistance** = 1
- **Print sensitivity** = 4
- **Print quality on vellum** = 3
- **Print quality on coated paper** = 3
- **Smear resistance** = 2

**Ribbon specifications**
- **Quality level:** Wax - Flat-head
- **Base film thickness:** PET 4,5 µm (±0,1 µm)
- **Ribbon thickness:** 7,2 – 8,0 µm (±1 µm)
- **Optical density ribbon:** low, for different colours between 0,6 – 0,9 MacBeth
- **Ink melting point:** 68 °C

**Available Colours**
- **Quality**
  - T 170 Ro Red
  - T 171 Gr Green
  - T 172 Br Brown
  - T 259 Bl Blue
- **Colour**
  - Pantone
    - T 170 Ro 192c
    - T 171 Gr 3405c
    - T 172 Br 4695c
    - T 259 Bl 286c

**Certifications:**
The concentration of heavy metals in our thermal transfer ribbons is negligible and always lies below the value of the applicable EU norm for the use of dangerous substances, e.g. RoHS (EC directives 2002/95) and WEEE (2002/96).

**Shelf life and storage conditions:**
In principle thermal transfer ribbons have a long shelf life. We guarantee that when stored correctly (temperature: 5–35°C; humidity: 30–80%) our ribbons remain in perfect condition for use for 1 year.

**Testing and evaluation procedure:**
Our thermal transfer ribbons are tested according to CALOR / RTT testing procedures. We are happy to supply details upon request.

See reverse side for roll dimensions.
We supply these colours in some compact standard dimensions, in small quantities and at interesting prices, as well as in every possible width, length and roll presentation – made to measure!

### compact standard-articles

These articles can be delivered rapidly in small minimum quantities.

#### Rolls on ½" core

<table>
<thead>
<tr>
<th>Length (m)</th>
<th>Coated side</th>
<th>Type</th>
<th>Width (mm)</th>
<th>Minimum Quantity</th>
<th>Packaging [Pc/box]</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>outside</td>
<td>VO8</td>
<td>110</td>
<td>6 rolls</td>
<td>6</td>
</tr>
</tbody>
</table>

Eltron 2844
Mandrin = 110 mm

#### Rolls on 1" core

<table>
<thead>
<tr>
<th>Length (m)</th>
<th>Coated side</th>
<th>Type</th>
<th>Width (mm)</th>
<th>Minimum Quantity</th>
<th>Packaging [Pc/box]</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>inside</td>
<td>1DI</td>
<td>60</td>
<td>1 roll</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>90</td>
<td>1 roll</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>110</td>
<td>1 roll</td>
<td>20</td>
</tr>
<tr>
<td>300</td>
<td>outside</td>
<td>3VA</td>
<td>60</td>
<td>1 roll</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>90</td>
<td>1 roll</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>110</td>
<td>1 roll</td>
<td>20</td>
</tr>
</tbody>
</table>

**Articles made to measure**

Net usable width of jumbo roll: 680 mm

are manufactured according to your specification, in width, length and roll presentation upon your order.

Our standard roll-types (length, core) and slit widths are the following:

#### Rolls on ½" core

**Standard widths: 55, 57, 65, 85, 110 mm**

<table>
<thead>
<tr>
<th>Length (m)</th>
<th>Coated side</th>
<th>Type</th>
<th>Width (mm)</th>
<th>Specification</th>
<th>Printer</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>outside</td>
<td>V24</td>
<td></td>
<td></td>
<td>Eltron 2824</td>
</tr>
<tr>
<td>74</td>
<td>outside</td>
<td>VO8</td>
<td>core = 110 mm</td>
<td></td>
<td>Eltron 2844</td>
</tr>
<tr>
<td>91</td>
<td>inside</td>
<td>EL1</td>
<td></td>
<td>core = 110 mm</td>
<td>Eltron 2622,2722</td>
</tr>
<tr>
<td>91</td>
<td>inside</td>
<td>VO1</td>
<td>core = 110 mm</td>
<td></td>
<td>C-Itoh EZ 4T, Eltron 2242, 2642, 2742, 3642, UBI 91, Intermec PC4, Zebra T-402</td>
</tr>
<tr>
<td>100</td>
<td>inside</td>
<td>OVA</td>
<td></td>
<td></td>
<td>Datamax Ovation, Zebra T-300</td>
</tr>
</tbody>
</table>

#### Rolls on 1" core

**Standard widths: 30, 38, 40, 50, 55, 60, 65, 70, 76, 80, 85, 90, 95, 100, 102, 104, 110, 114, 130, 135, 140, 150, 154, 160, 165, 170, 220 mm**

<table>
<thead>
<tr>
<th>Length (m)</th>
<th>Coated side</th>
<th>Type</th>
<th>Width (mm)</th>
<th>Specification</th>
<th>Printer</th>
</tr>
</thead>
<tbody>
<tr>
<td>153</td>
<td>outside</td>
<td>INT1</td>
<td></td>
<td></td>
<td>Intermec 3240, 3400, 3440c, 3600</td>
</tr>
<tr>
<td>320</td>
<td>inside</td>
<td>K26</td>
<td></td>
<td></td>
<td>Intermec E4, PF-4, PF-4c</td>
</tr>
<tr>
<td>300</td>
<td>outside</td>
<td>1DI</td>
<td></td>
<td>core = 118 mm</td>
<td>Intermec 2642, 2742, 3442, 3642, UBI 91, Intermec PC4, Zebra T-402</td>
</tr>
<tr>
<td>300</td>
<td>outside</td>
<td>3VA</td>
<td></td>
<td>core = 180 mm</td>
<td>TEC B-452, B-544T</td>
</tr>
<tr>
<td>300</td>
<td>outside</td>
<td>T85</td>
<td>core = 240 mm</td>
<td>1 empty core/box</td>
<td>TEC B-852</td>
</tr>
<tr>
<td>360</td>
<td>inside</td>
<td>FAR</td>
<td></td>
<td>flat-head printers made by: Avery TTX, CAB, Datamax, Meto, Novexx, Stielow</td>
<td></td>
</tr>
<tr>
<td>450</td>
<td>inside</td>
<td>UBI</td>
<td></td>
<td>flat-head printers made by: Avery TTX, CAB, Datamax, Meto, Novexx, Stielow</td>
<td></td>
</tr>
<tr>
<td>450</td>
<td>outside</td>
<td>ZE2</td>
<td></td>
<td>flat-head printers made by: Avery TTX, CAB, Datamax, Meto, Novexx, Stielow</td>
<td></td>
</tr>
</tbody>
</table>

**Other length’s, width’s and core diameters (34 mm, 1.5”, 40 mm) available. Please contact our sales team!**

Minimum quantity: 1 net jumboroll width slit to your specification

Lead time: 10 days plus transport

Made to measure rolls cannot be returned.

**Order-Hotline: ++49 (0) 2401 91 79-0**

We look forward to your call!