

Black is beautiful



**mix**  
Wax/Resin

# Black Thermal transfer ribbons

**mix**

is a wax/resin grade quality of universal application. It will print on all flat-head printers, e.g. CAB, Datamax, Eltron, Intermec, SATO, Valentin, Zebra.

## PROPERTIES

- A wax/resin quality that can be universally used on a large range of label stock, from vellum via coated and glossy papers through to synthetic films
- No abrasion on densely pigmented matte paper surfaces
- Good resistance against smearing

## APPLICATION

- High quality product labelling on a great variety of different label stock

## RECOMMENDED LABEL STOCK

- Vellum, matt-, gloss- and cast-coated papers
- Matt or glossy cardboard materials
- Synthetic films like: PE, PET, PP, PVC, matt or glossy, with corona treatment or suitable top-coat



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin

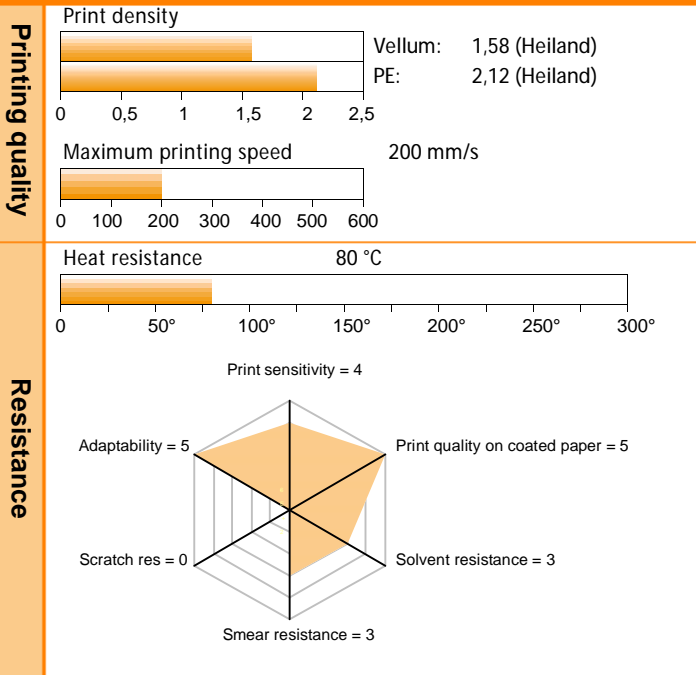


Direct printing

Wax

Wax/Resin

Resin



**Ribbon specification**

Quality level: Wax/Resin Flat-head

Basefilm: PET 4,5 µm

Ribbon: 7,5 µm ±0,5 µm

Colour: Black

Optical density ribbon: 1,50 (Heiland)

Ink melting point: 80 °C

Approvals: Food industry (ISEGA), Halogen-free

### 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 Directive 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, relative 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 standard roll dimensions.

### REACH:

All substances and preparations that are used for the production of this quality have been pre-registered.

CALOR GmbH, 24.04.2017

**CALOR | RTT**

Rolls on 1/2"-core

| Length (m) | Coated side | Type | Width (mm)        | Pc/box |
|------------|-------------|------|-------------------|--------|
| 74         | outside     | V24  | 57                | 12     |
|            |             |      | Eltron 2824       |        |
| 74         | outside     | V08  | 55                | 6      |
|            |             |      | Eltron 2844       |        |
|            |             |      | 65                | 6      |
|            |             |      | 85                | 6      |
|            |             |      | 110               | 6      |
| 91         | outside     | EL1  | 55                | 12     |
|            |             |      | Eltron 2622, 2722 |        |

| Length (m) | Coated side | Type | Width (mm)  | Pc/box |
|------------|-------------|------|---|--------|
| 91         | outside     | V01  | 55  | 6      |
|            |             |      | C-Itoh EZ 4TT, Eltron 2242, 2642, 2742, 3642, UBI 91, Intermec PC4, Zebra T 402 core = 110 mm |        |
|            |             |      | 65  | 6      |
|            |             |      | 85  | 6      |
|            |             |      | 110   | 6      |
| 100        | inside      | OVA  | 55  | 10     |
|            |             |      | Datamax Ovation Zebra T 300   |        |
|            |             |      | 65  | 5      |
|            |             |      | 85  | 5      |
|            |             |      | 110   | 5      |

Rolls on 1"-core

| Length (m) | Coated side | Type | Width (mm)  | Pc/box |
|------------|-------------|------|---|--------|
| 153        | outside     | IN1  | 50  | 54     |
|            |             |      | Intermec 3240, 3400, 3440e, 3600  |        |
|            |             |      | 76  | 36     |
|            |             |      | 104   | 36     |
|            |             |      | 152   | 18     |
| 220        | inside      | K26  | 50  | 36     |
|            |             |      | Intermec E4, PF4i, PF4ci  |        |
|            |             |      | 60  | 36     |
|            |             |      | 80  | 24     |
|            |             |      | 90  | 24     |
|            |             |      | 110   | 24     |
| 300        | inside      | 1DI  | 40  | 30     |
|            |             |      | Several Flat-head printers: Avery TTX, CAB, Datamax, Meto, Novexx, Stielow                            |        |
|            |             |      | 50  | 30     |
|            |             |      | 60  | 30     |
|            |             |      | 76  | 30     |
|            |             |      | 90  | 20     |
|            |             |      | 110   | 20     |
|            |             |      | 135   | 10     |
|            |             |      | 165   | 10     |
| 300        | outside     | 3VA  | 40  | 30     |
|            |             |      | Several Flat-head printers: Delna, Citizen, C-Itoh, Meto, Schäfer, Valentin, TEC B-442, B-SV4T, Zebra |        |
|            |             |      | 50  | 30     |
|            |             |      | 60  | 30     |
|            |             |      | 70  | 30     |
|            |             |      | 80  | 20     |
|            |             |      | 90  | 20     |
|            |             |      | 100   | 20     |
|            |             |      | 104   | 20     |
|            |             |      | 110   | 20     |
|            |             |      | 135   | 10     |
|            |             |      | 150   | 10     |
|            |             |      | 170   | 10     |
| 220        | 10          |      |   |        |
| 300        | outside     | T52  | 60  | 10     |
|            |             |      | Tec B-452, B-SA4T core = 118 mm 1 empty/box   |        |
|            |             |      | 85  | 10     |
|            |             |      | 110   | 10     |
| 300        | outside     | T85  | 120   | 10     |
|            |             |      | Tec B-852 core = 240 mm 1 core/box  |        |
|            |             |      | 160   | 10     |
|            |             |      | 220   | 10     |

| Length (m) | Coated side | Type | Width (mm)   | Pc/box |
|------------|-------------|------|--|--------|
| 360        | inside      | FAR  | 38   | 30     |
|            |             |      | Several Flat-head printers: Avery TTX, CAB, Datamax, Meto, Novexx, Stielow                         |        |
|            |             |      | 50   | 30     |
|            |             |      | 64   | 30     |
|            |             |      | 76   | 30     |
|            |             |      | 90   | 20     |
|            |             |      | 102  | 20     |
|            |             |      | 110  | 20     |
|            |             |      | 114  | 20     |
|            |             |      | 152  | 10     |
|            |             |      | 165  | 10     |
| 450        | inside      | UBI  | 38   | 24     |
|            |             |      | Intermec EasyCoder, PD4, PD41, PD42, PM4i, PX4i, PX6i, PA30, Datamax, Sato CL, Meto Vulkan, Willet |        |
|            |             |      | 50   | 24     |
|            |             |      | 60   | 24     |
|            |             |      | 76   | 24     |
|            |             |      | 85   | 16     |
|            |             |      | 100  | 16     |
|            |             |      | 110  | 16     |
|            |             |      | 130  | 8      |
|            |             |      | 150  | 8      |
|            |             |      | 165  | 8      |
| 220        | 8           |      |  |        |
| 450        | outside     | ZE2  | 40   | 24     |
|            |             |      | Printronix 5206, 5306, 5208, 5308, Zebra   |        |
|            |             |      | 50   | 24     |
|            |             |      | 60   | 24     |
|            |             |      | 70   | 24     |
|            |             |      | 80   | 16     |
|            |             |      | 90   | 16     |
|            |             |      | 100  | 16     |
|            |             |      | 104  | 16     |
|            |             |      | 110  | 16     |
|            |             |      | 140  | 8      |
|            |             |      | 154  | 8      |
|            |             |      | 170  | 8      |
| 220        | 8           |      |  |        |



Flat-head

Wax

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Near-edge

Wax

Wax/Resin

Resin



Direct printing

Wax

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Resin

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