

# Colour Thermal Transfer Ribbons

Under the name **resist NE color** we present three basic colours in resin quality, specially designed for printing on near-edge printers, like Allen, Avery, Markem, Toshiba-TEC, Valentin etc.

## Properties

- Vibrant colours
- High resolution, good printing of small characters and fine lines
- Very high mechanical resistance against smearing and scratching
- Resistant against gasoline and alcohol
- Customer specific colours can be developed if a minimum quantity of 10.000 m<sup>2</sup> is reached

## Application

- Highlighting of important information
- Product identification and differentiation by colours
- Suitable for high quality labels and type-plates in corporate colour

## Recommended label stock

- Smooth gloss-coated and cast-coated papers
- PE, PP, PS, PET and other synthetic films



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin

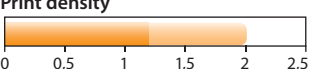
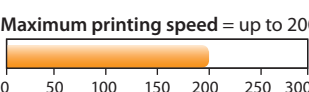
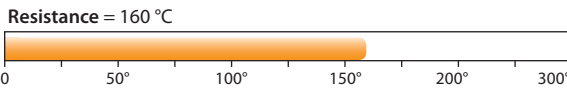
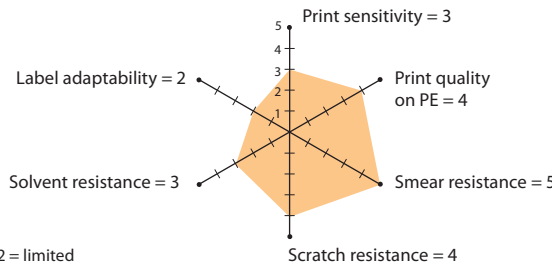


Direct printing

Wax

Wax/Resin

Resin

Printing quality	<b>Print density</b>  for different colours between (with suitable filters on coated paper) = 1,2 – 2,0 MacBeth	Ribbon specifications	<b>Quality level:</b> Resin · Near-edge <b>Base film thickness:</b> PET 4,5 µm (±0,1 µm) <b>Ribbon thickness:</b> 6,5 µm (±1 µm) <b>Optical density ribbon:</b> low, for different colours between 0,5 – 1,2 MacBeth <b>Ink melting point:</b> 100 °C														
	<b>Maximum printing speed = up to 200 mm/s</b> 		<table border="1"> <thead> <tr> <th>Quality</th> <th>Colour</th> <th></th> <th>Pantone</th> </tr> </thead> <tbody> <tr> <td>N 951 Bl</td> <td>Blue</td> <td></td> <td>blue c</td> </tr> <tr> <td>N 952 Ro</td> <td>Red</td> <td></td> <td>032c</td> </tr> <tr> <td>N 953 Gr</td> <td>Green</td> <td></td> <td>green c</td> </tr> </tbody> </table>	Quality	Colour		Pantone	N 951 Bl	Blue		blue c	N 952 Ro	Red		032c	N 953 Gr	Green
Quality	Colour		Pantone														
N 951 Bl	Blue		blue c														
N 952 Ro	Red		032c														
N 953 Gr	Green		green c														
Resistance	<b>Resistance = 160 °C</b>   1-2 = limited 3 = satisfactory 4 = good 5 = excellent	Available Colours															

### 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°centigrades, 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 roll dimensions.

## Available colours

N 951 Bl    N 952 Ro    N 953 Gr



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 1" core

Length (m)	Coated side	Type	Width (mm)	Minimum Quantity	Packaging [Pc/box]
<b>300</b>	inside	1DI	60	1 roll	30
			90	1 roll	20
			110	1 roll	20
Avery TTX 450, 650, 950, 1050, TDI, ALX 720, 64-xx, Novexx Lion, Puma, Tiger					

Length (m)	Coated side	Type	Width (mm)	Minimum Quantity	Packaging [Pc/box]
<b>300</b>	outside	3VA	60	1 roll	30
			90	1 roll	20
			110	1 roll	20
TEC SX4, SX5, B 372, 472, 572, Meto SP 40, Stielow 3565, 3566, 3567					



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin



Direct printing

Wax

Wax/Resin

Resin

## 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 slitting width's are the following:

### Rolls on 1" core

Standard width's: 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; 68 and 109 mm for TEC CB-416

Length (m)	Coated side	Type	Specification	Printer
300	outside	3VA		Valentin Optimo, Spectra, DPM
300	outside	3T4	core 124 mm, ribbon centered, with attached take-up core	TEC CB 416
300	outside	T87	core 229 mm, ribbon centered, 1 empty core/box	TEC B 672, 682, 872, SX6, Stielow 3568, 3595
450	outside	K01	plastic core 1 empty core/box	Direct-printing-systems: Easyprint, Smart Date II, III, IV, V
600	inside	NOV		Avery TTX 450, 650, 950, 1050, TDI, ALX 720, 64-xx, Novexx Lion, Puma, Tiger
600	inside	SMK	plastic core 1 empty core/box	Direct-printing-systems: Smart Date II, III, IV, V
600	outside	T57	1 empty core/box	TEC SX4, SX5, B 372, 472, 572, Meto SP 40, Stielow 3565, 3566, 3567
900	inside	SM9	plastic core 1 empty core/box	Smart Date III
1000	inside	AL1		Avery ALX 92x, DPM 4, 5, 6
1000	outside	SOD	plastic core 1 empty core/box	Zodiac

Other length's, width's and core diameters (1,5") 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!

**CALOR | RTT**