

Colour Thermal Transfer Ribbons

Under the name **perfect color** we present a broad range of colours in wax/resin quality, specially designed for universal application on all near-edge printers, like Allen, Avery, Markem, Toshiba-TEC, Valentin etc.



Flat-head

Wax

Wax+

Wax/Resin

Resin

Properties

- High opacity, vibrant colours, many standard colours already available
- High resolution, good printing of small characters and fine lines
- Good mechanical resistance against smearing and scratching
- Very flexible, very good results on all label materials and on all printers equipped with near-edge printheads
- 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

- Matt and gloss-coated paper, cast-coated paper like Chromolux
- PE, PP, PS, PET and other synthetic films

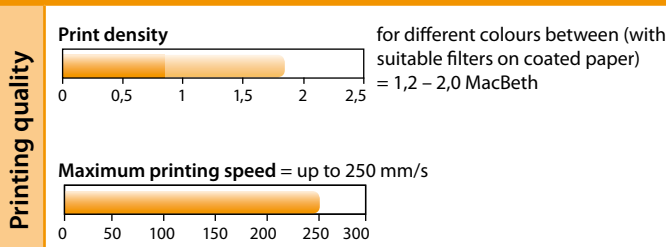


Near-edge

Wax

Wax/Resin

Resin



Ribbon specifications

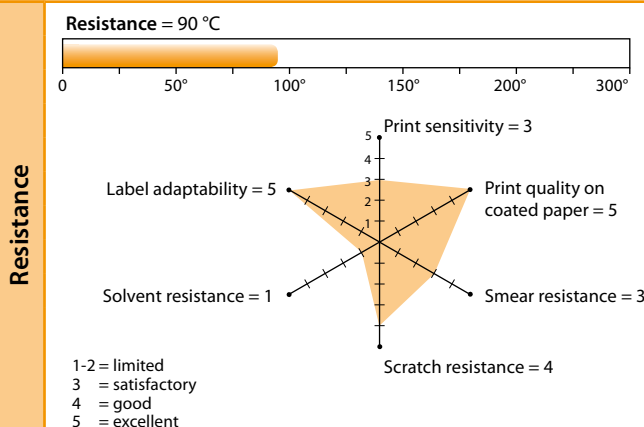
Quality level: Wax/Resin · Near-edge

Base film thickness: PET 4,5 µm (±0,1 µm)

Ribbon thickness: 7,5 µm (±1 µm)

Optical density ribbon: low, for different colours between 0,3 – 1,0 MacBeth

Ink melting point: 80 °C



Available Colours

Quality	Colour		Pantone
N 471 Gr	Forest green		357c
N 900 Bl	Royal blue		reflex blue c
N 901 Bl	Dark blue		541 u
N 902 Vi	Violet		259 u
N 910 Ro	Red		185c
N 911 Or	Orange		158c
N 912 Bo	Burgundy		220c
N 916 Br	Brown		1405c
N 920 Gr	Green		3278c
N 921 Gr	Grass green		355c
N 930 We	White		



Direct printing

Wax

Wax/Resin

Resin

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



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]
300	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]
300	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

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Wax+

Wax/Resin

Resin



Near-edge

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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	inside	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