

Black is beautiful

# Black Thermal transfer ribbons



ideal Wax/Resin

## ideal

is a resistant and universally usable wax/resin grade quality with an excellent resolution for printing fine elements. It is suitable for all flat-head printers, e. g. from CAB, Datamax, Eltron, Intermec, Sato, Valentin, Zebra.

### PROPERTIES

- Universally usable on different kinds of label stock and under a range of conditions
- Very good smearing resistance
- Good resistance against certain chemicals, especially white spirit and motor oil
- High resolution of small fonts and barcodes on smooth surfaces

### APPLICATIONS

- Product identification for indoor and outdoor use
- Resistant print on synthetic paper, like PPG Teslin

### RECOMMENDED LABEL STOCK

- Vellum, matt-, gloss- and cast-coated papers
- Cardboard materials with matt or gloss surface
- All current synthetic materials
- Synthetic paper, like PPG Teslin



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin



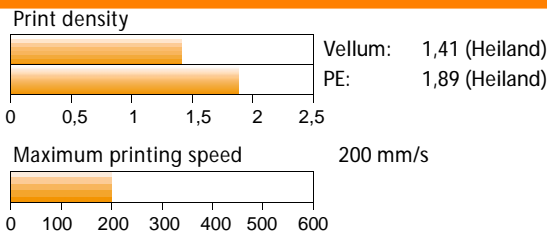
Direct printing

Wax

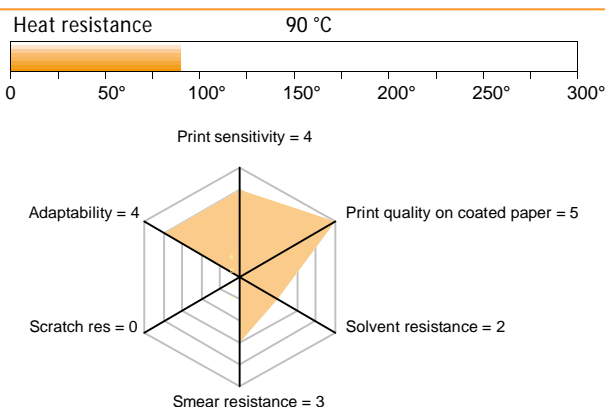
Wax/Resin

Resin

Printing quality



Resistance



Ribbon specification

Quality level: Wax/Resin Flat-head

Basefilm: PET 4,5 µm

Ribbon: 9,0 µm

Colour: Process Black

Optical density ribbon: 1,10 (Heiland)

Ink melting point: 84 °C

Approvals: Food industry (ISEGA), UL approved on many label materials, 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 live. 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 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
			core = 110 mm	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-Itch 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
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



Near-edge



Direct printing

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Wax+

Wax/Resin

Resin

Wax

Wax/Resin

Resin

Wax

Wax/Resin

Resin

Article on stock:  
same day shipment for up to 20 boxes

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All data without guarantee.

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We look forward  
to your call!

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