

Black is beautiful

# Black Thermal transfer ribbons



# vario+

Wax/Resin

## vario+

is a wax-resin grade quality with a broad application spectrum for all flat head printers, e.g.: CAB, Datamax, Eltron, Intermec, Sato, Valentin, Zebra, etc.



Flat-head

### PROPERTIES

- Very good smearing resistance
- Good resistance against certain chemicals, like brake fluid and IPA
- Universally usable on different materials

### APPLICATION

- Universal, long-life product identification
- Printing on synthetic paper, like PPG Teslin

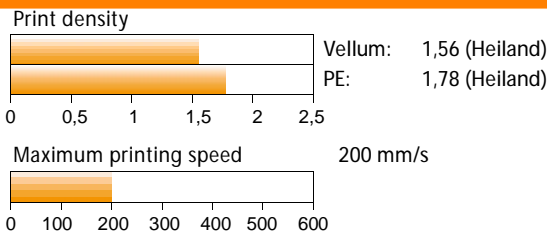
### RECOMMENDED LABEL STOCK

- Vellum, matt- and gloss-coated papers, cast-coated papers, like Chromolux
- Cardboard materials with matt or gloss surface
- Synthetic materials, like PE, PP, PVC with matt or gloss surface, corona treatment or suitable top-coats, packaging films
- Synthetic papers, like PPG Teslin

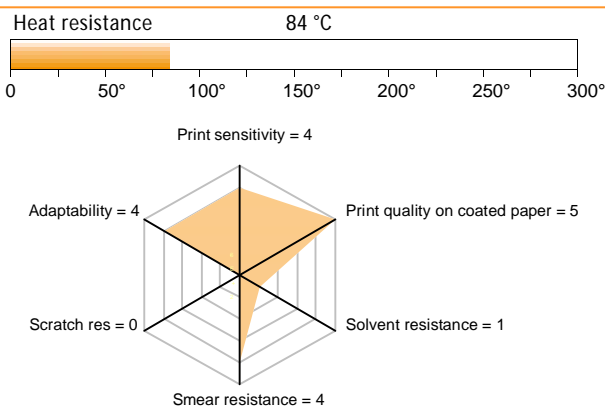


Near-edge

Printing quality



Resistance



Ribbon specification

Quality level: Wax/Resin Flat-head

Basefilm: PET 4,5 µm

Ribbon: 8,0 µm ±1,0 µm

Colour: Process Black

Optical density ribbon: 2,00 (Heiland)

Ink melting point: 80 °C

Approvals: Food industry (ISEGA)



Direct printing

Wax

Wax+

Wax/Resin

Resin

Wax

Wax/Resin

Resin

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 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 ° 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





## compact standard-articles

### 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	
			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				



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