

Black is beautiful

# Black Thermal transfer ribbons



resist  
Resin

## resist

is an extremely resistant resin grade quality for all flat head printers, e.g.: CAB, Datamax, Eltron, Intermec, Sato, Valentin, Zebra, etc.

### PROPERTIES

- Very good print quality on smooth surfaces
- Very good scratch resistance
- Good resistance against chemical products
- Temperature resistance in standard test with load and movement on PP tc: 120°C; depending on applications up to 150°C possible
- Limited application spectrum on paper label stock.

### APPLICATION

- Very long lasting and high resistant product identification (type plates)

### RECOMMENDED LABEL STOCK

- Smooth matt- and gloss-coated paper, cast-coated paper like Chromolux
- Synthetic films PET, PS, PE, PP, PVC, acetate with matt or gloss surface, with corona treatment or suitable top coat



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin

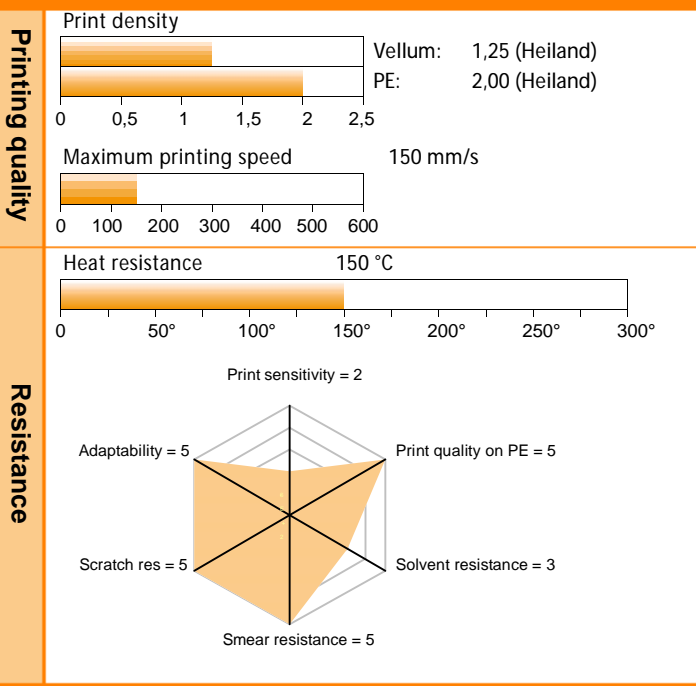


Direct printing

Wax

Wax/Resin

Resin



### Ribbon specification

Quality level:	Resin	Flat-head
Basefilm:	PET 4,5 µm	
Ribbon:	6,2 µm	
Colour:	Process Black	
Optical density ribbon:	1,00 (Heiland)	
Ink melting point:	110 °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



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				



Flat-head



Near-edge



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Resin

Wax

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Wax

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Resin

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We look forward  
to your call!

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