

Black is beautiful

# Black Thermal transfer ribbons



# resist + Resin

## resist +

is a versatile resin quality that can be used for all kinds of label materials. The printed image has an excellent resistance. Designed for flat-head printers, but will also work at lower speed on near-edge printers.



Flat-head

### PROPERTIES

- Resin ribbon that achieves a high optical density especially on synthetic surfaces
- Low sensitivity which ensures print-head longevity
- Good mechanical resistance
- Good resistance against alcohol and other chemical products
- Temperature resistance in standard test with load and movement on PP tc: 110°C; depending on applications up to 150°C possible
- Works also on near-edge printers at lower speed on selected materials

### APPLICATION

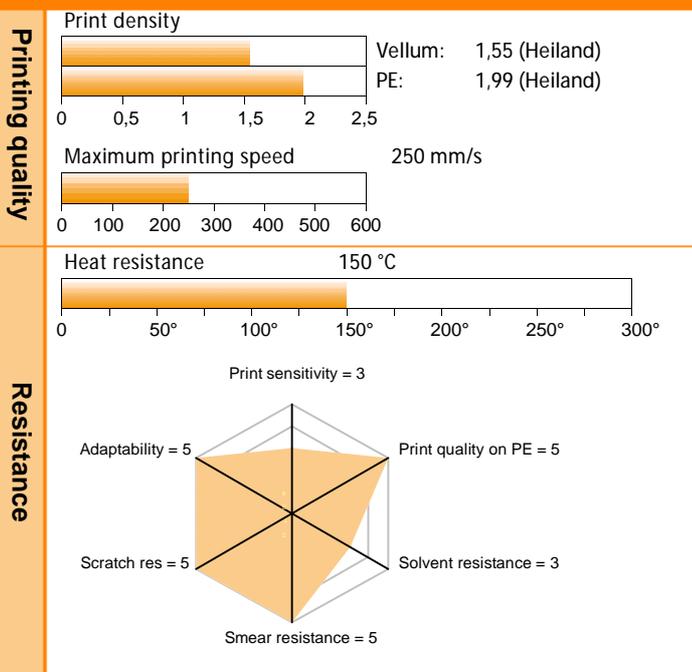
- Labelling of products; suitable for all applications where a good resistance is required, for example type plates

### RECOMMENDED LABEL STOCK

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



Near-edge



Ribbon specification

Quality level:	Resin	Flat-head
Basefilm:	PET 4,5 µm	
Ribbon:	6,5 µm ±0,5 µm	
Colour:	black	
Optical density ribbon:	1,28 (Heiland)	
Ink melting point:	130 °C	
Approvals:	Food industry (ISEGA)	



Direct printing

Max

Max+

Max/Resin

**Resin**

Max

Max/Resin

Resin

Max

Max/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).

**REACH:**  
All substances and preparations that are used for the production of this quality have been pre-registered.

**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.

CALOR GmbH, 24.04.2017

**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.





## 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
			85	6
core = 110 mm			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-Itoh EZ 4TT, Eltron 2242, 2642, 2742, 3642, UBI 91, Intermec PC4, Zebra T 402 core = 110 mm	
			65	6
			85	6
core = 110 mm			110	6
100	inside	OVA	55	10
			Datamax Ovation Zebra T 300	
			65	5
			85	5
core = 110 mm			110	5



Flat-head

Wax  
Wax+  
Wax/Resin

### 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
core = 110 mm			152	18
220	inside	K26	50	36
			Intermec E4, PF4i, PF4ci	
			60	36
			80	24
			90	24
core = 110 mm			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
core = 110 mm			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
core = 110 mm			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
core = 110 mm			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
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			



Near-edge

Wax  
Wax/Resin  
Resin



Direct printing

Wax  
Wax/Resin  
Resin

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

Standard articles:  
shipment within 5 working days

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All data without guarantee.

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We look forward  
to your call!

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