

Black is beautiful

# Black Thermal transfer ribbons



# B 120 EC Resin

## B 120 EC

is a standard resin quality with a very high mechanical resistance for near-edge printers, which is also suited to flat-head printers.

### PROPERTIES

- Excellent smear and scratch resistance
- Good resistance to white spirit
- Also suitable for flat-head printers

### APPLICATIONS

- For labelling requiring high durability and high resistance
- For type plates
- Automotive, electronic, and chemical industries, mechanical engineering, medical industry

### RECOMMENDED LABEL STOCK

- Synthetic films, such as PET, PS, PE, PP, PVC, acetate, with a matt or glossy surface, corona treatment or suitable top coat



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin



Direct printing

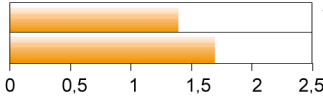
Wax

Wax/Resin

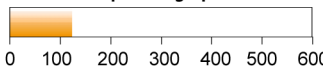
Resin

Printing quality

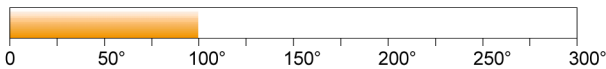
#### Print density



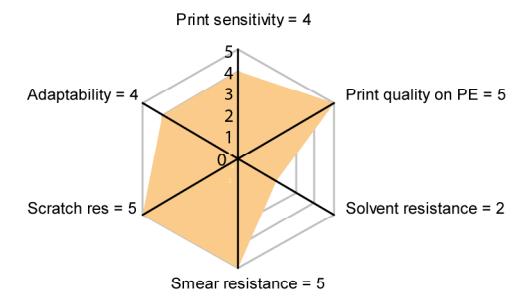
#### Maximum printing speed



#### Heat resistance



Resistance



Ribbon specification

Quality level: Resin Near-edge

Basefilm: PET 4,5 µm

Ribbon: 7,0 µm

Colour: Process Black

Optical density ribbon:

Ink melting point: 85 °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 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, 24.03.2016

# CALOR | RTT





## compact standard-articles

### Rolls on 1"-core

Length (m)	Coated side	Type	Width (mm)	Pc/box
<b>300</b>	outside	3VA	50	30
			90	20
			110	20
			135	10
			150	10
<b>300</b>	outside	3T4	68	9
			109	9
<b>300</b>	outside	T87	114	10
			160	10
			220	10
<b>450</b>	inside	K01	55	32
			110	16
<b>600</b>	inside	NOV	55	20
			85	10
			110	10
			130	5
<b>600</b>	inside	SMK	55	20
			165	5

Length (m)	Coated side	Type	Width (mm)	Pc/box
<b>600</b>	outside	T57	55	20
			70	10
			80	10
			90	10
			102	10
			114	10
<b>900</b>	inside	SM9	55	12
			110	6
<b>1000</b>	inside	AL1	55	12
			110	6
<b>1000</b>	outside	SOD	55	12
			110	6



Flat-head



Near-edge



Direct printing

Wax

Wax+

Wax/Resin

Resin

Wax

Wax/Resin

Resin

Wax

Wax/Resin

Resin

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

Standard articles:  
shipment within 5 working days

Special widths on demand  
January 2009 . All data without guarantee.

Order-Hotline: ++49 (0) 2401 9179-0

We look forward  
to your call!

www.calor.de

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