

Black is beautiful

# Black Thermal transfer ribbons



**N 501 Sw**  
Resin

## N 501 Sw

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



Flat-head

### 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

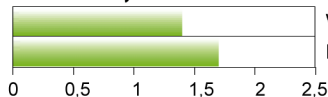
- Synthetic films, such as PET, PS, PE, PP, PVC, acetate, with a matt or glossy surface, corona treatment or suitable top coat



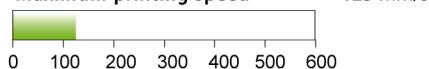
Near-edge

Printing quality

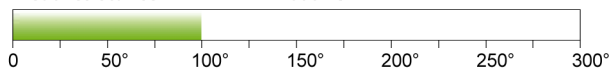
#### Print density



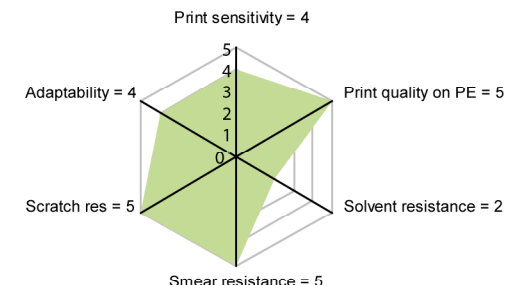
#### Maximum printing speed



#### 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



Direct printing

#### 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.

#### REACH:

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

CALOR GmbH, 23.03.2016

**CALOR | RTT**