

Black is beautiful

Black Thermal transfer ribbons



T 845 Sw Resin

T 845 Sw

is a black resin quality for printing on plastic cards featuring an enormous mechanical and heat resistance. UL Certificate on certain label stock.

PROPERTIES

- Very good resistance against smearing, scratching and environmental influences
- Extraordinary resistance against high temperatures
- Very good resistance against white spirit, diesel oil, motor oil, Skydrol, IPA and brake fluid

APPLICATIONS

- Especially suited for printing on PVC cards
- A print that requires good resistance and longevity, like type plates, inventory or traceability labels

RECOMMENDED LABEL STOCK

- Primarily suited for printing on PVC cards
- Also highly recommendable for type plates and other identification labels
- Synthetic materials, like PE, PP, PET, PS, PVC, acetate, with gloss or matt surface and suitable topcoats
- Does not print on paper



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin



Direct printing

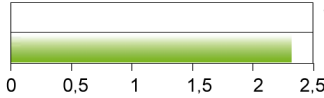
Wax

Wax/Resin

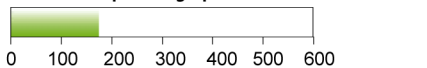
Resin

Printing quality

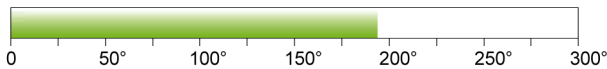
Print density



Maximum printing speed

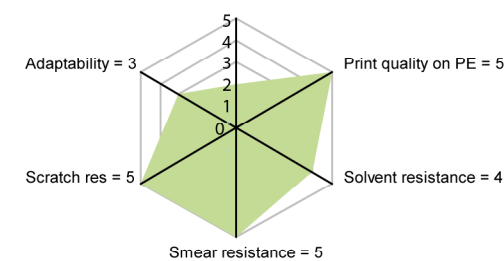


Heat resistance



Resistance

Print sensitivity = 2



Ribbon specification

Quality level: Resin Flat-head

Basefilm: PET 4,5 µm

Ribbon: 8,3 µm ±0,8 µm

Colour: Process Black

Optical density ribbon: 1,68 (Heiland)

Ink melting point: 168 °C

Approvals: UL certified on a range of label materials

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, 02.03.2016

CALOR | RTT

