

Black is beautiful

Black Thermal transfer ribbons



T 449 Sw

Wax/Resin

T 449 Sw

is a premium wax/resin quality for a huge range of applications and with good resistance against chemicals. The resolution of fine elements is excellent both on smooth surfaces and on rough papers.

PROPERTIES

- Perfect print results on many different kinds of label stock
- Universally usable for a great variety of applications
- Good smear resistance
- High resolution of small fonts and barcodes, also on simple kinds of paper
- Temperature resistance in standard test with load and movement on PP tc: 90°C; depending on applications up to 120°C possible

APPLICATIONS

- Universal, long-lasting indoor or outdoor product identification
- Logistics labels

RECOMMENDED LABEL STOCK

- Vellum, matt-, gloss- or cast-coated papers
- Cardboard materials with matt or gloss surface
- Synthetic films, like PE, PET, PP, PVC with gloss or matt surface, corona treatment or suitable top-coats



Flat-head

Wax

Wax+

Wax/Resin

Resin



Near-edge

Wax

Wax/Resin

Resin

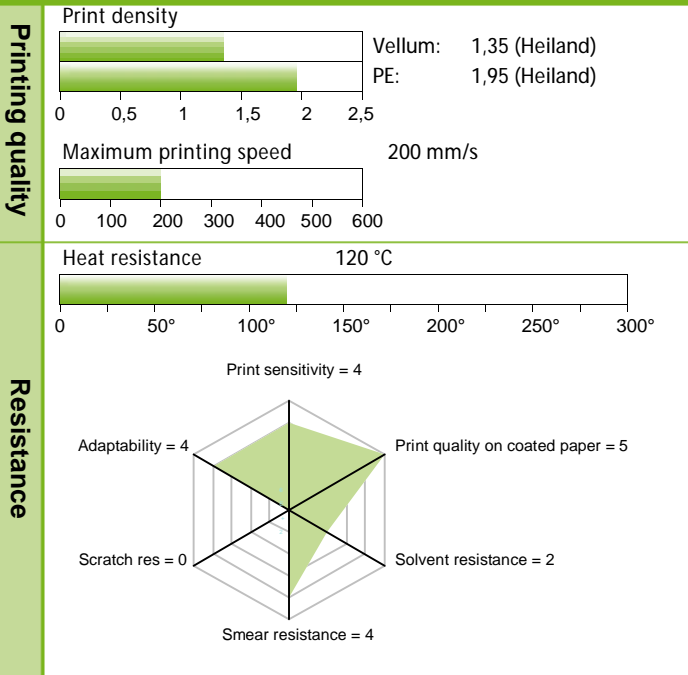


Direct printing

Wax

Wax/Resin

Resin



Ribbon specification

Quality level:	Wax/Resin	Flat-head
Basefilm:	PET 4,5 µm	
Ribbon:	8,5 µm ±0,5 µm	
Colour:	Process Black	
Optical density ribbon:	1,20 (Heiland)	
Ink melting point:	82 °C	
Approvals:	Food industry (ISEGA), UL approved on many 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).

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 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.

CALOR | RTT

