

Thermal Transfer Ribbons for Plastic Cards



For Cards that Always Turn Up Trumps

Whether it's credit, debit, customer affinity or entry access cards, KURZ thermal transfer ribbons (TTR) add a new dimension to handling of flexible data. We offer completely new options relating to appearance, personalization and security. Take a look and convince yourself of the many and varied possibilities offered by our product line with its different qualities.

Features

TTR K 500

Our standard quality brings color to card marking. It is suitable for standard applications and is available in black and 14 further colors. Upon customer's request, it can be matched in individual shades.

- carrier thickness: 4.5 µm
- for PVC cards and PE and PP labels
- durable readability
- good scratch, smudge and abrasion resistance
- high ethanol and gasoline resistance



TTR K 5000

This black ribbon for use on smooth plastic surfaces is an advanced version of the TTR K 500 product, but with even higher resistance properties. Its increased scratch and abrasion resistance provides an extreme long durability, especially useful for important information data.

- carrier thickness: 4.5 µm
- for PVC cards and PE und PP labels
- durable readability
- improved abrasion resistance in comparison to TTR K 500

TTR K 503

A black resin ribbon for desk top card printers that requires low printing energy.

- carrier thickness: 4.5 µm
- for PVC cards
- good abrasion resistance
- less printing energy necessary
- for desktop card printers

Highlights

- nearly perfect reproduction for monochrome pictures, graphics and company emblems
- wide range of colors allows designs in all shades
- metallized thermal transfer ribbons in gold, silver, red and blue
- transparent overlay provides additional protection against abrasion
- long life time of the cards due to the fact that prints are highly durable
- UV light activated ribbons for high security protection requirements
- special colors for TTR K 500 can be matched upon customers request

Environmental compatibility



The KURZ Group is constantly investing in the environmental compatibility of our foils and has an excellent track record of successful developments in this area. Relating to this, the selection of raw materials is crucial. KURZ does voluntarily not use normally available cadmium pigments, CFCs or other ozone depleting materials commonly used in the industry.

Flexible data more flexible

KURZ' longstanding expertise in coating induces advantageous solutions also in the thermal transfer process. Our thermal transfer ribbons offer double benefit to plastic cards' manufacturers, printers and system providers: High standards in foil production and safety features guarantee "winning cards" in every aspect.

TTR Resin Silver TTR Resin Gold 220 TTR Resin Medal Red 392 TTR Resin Medal Blue 395

These metallized thermal transfer ribbons create striking effects, on all smooth cards and PVC surfaces. If silver, gold, red or blue, you can significantly improve the appearance of any plastic card.

- carrier thickness: 5.7 µm
- for PVC cards and plastic labels
- metallized effects available in silver, gold, red and blue
- good scratch, smudge and abrasion resistance
- high ethanol and gasoline resistance

TTR K 8151

This transparent overlay increases the abrasion resistance of the thermal transfer print on plastic cards and prolongs their lifetime.

- carrier thickness: 5.7 µm
- for PE and PVC cards
- additional protection of important data due to transparent thermal transfer overlay
- superior scratch, smudge and abrasion resistance
- very high ethanol and gasoline resistance

TTR K 8350



This thermal transfer ribbon allows hidden information to get visible only under a UV light source. Then the print appears in blue color.

- carrier thickness: 5.7 µm
- additional security against counterfeiting
- printed information is only visible under UV light
- beside a standard blue, other colors can be matched upon customers request
- good abrasion resistance

to the printing process used the above patterns should be viewed only as approximate renderings of the original color. The technical data stated herein should be regarded as average values. Deviations may occur due to technical production reasons.

The Technical Specification conclusively determines the sole and conclusive subject of our warranty.



Please see our brochure "Card Technology" that highlights a wide range of security products including magnetic and signature panel foils as well as holograms.



The KURZ Group consists of 9 manufacturing plants, 19 subsidiaries and over 70 agencies.

- Manufacturing and Sales Office
- Manufacturing Plants
- ▲ Subsidiaries

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