# BlackLine Magnetics®

Thrilling Design Concept for Magnetic Foils



Continuous research and development to expand our product portfolio is major part of our philosophy and that includes design. To that end, we introduce our newest product line - BlackLine Magnetics®. This new product line offers the ability to achieve more sophisticated designs for cards with black magnetic stripes.

Our focus during the design development was to produce a black magnetic foil with a modern grey or silver overprint in three different shades. It is intended to elevate card designs and/or simply replace a black magnetic stripe with a superior one

### 3 grades for 3 varied creations:

- Grade 1: most restrained version, only visible at close inspection for discreet decoration
- Grade 2: filigree pattern creating a high-end look
- Grade 3: the real eye-catcher with exciting design

Magnetic and application properties are similar to our standard HiCo black <u>B1051E-27CR</u>.

# Design snake Grade 1 Grade 2 Grade 3 Design perforation Grade 1 Grade 2 Grade 3 Design stardust

## ColorLine Magnetics®

Your style, your card – magnetic foils for a new generation



It does not always have to be brown - KURZ gives magnetic foils a design. We would like to introduce to you a new product in our color series: the HiCo white magnetic foil.

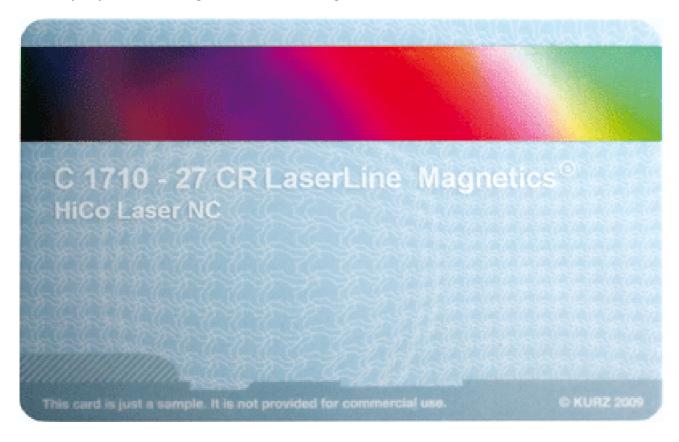
HiCo white is the first white magnetic foil on the market. It was technically difficult to develop and gave our engineers a real challenge - but their efforts have paid off. What they have created is an elegant, pure white finish on a magnetic foil which fullfills the following stringent requirements:

- · Protection against counterfeiting through a wide range of security features
- · Quality tested according to the required specifications
- Formulation complies with the magnetic requirements of the Tabel 1 test in ISO 7811-6
- Tape layer transfer process for high volumes
- Special surface protection
- High resistance to external magnetic fields
- · Technical specifications and product data sheet available

White is the new trend color in card designs that are intended to look especially refined, exclusive and distinguished (e.g. customer loyalty cards in the winter season, membership cards for golf/healthcare/yachting clubs etc.).

## LaserLine Magnetics®

Your style, your card – magnetic foils for a new generation



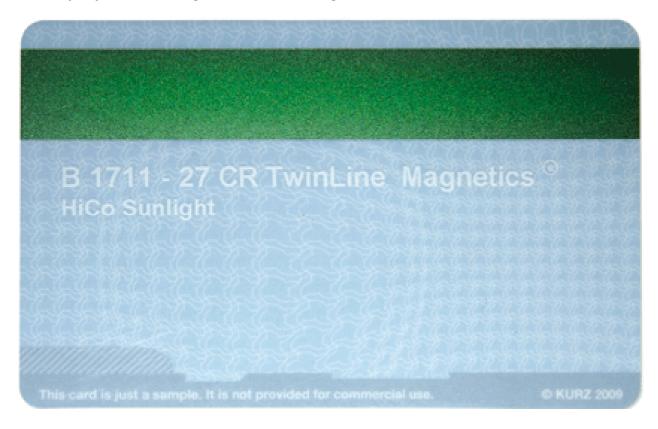
It does not always have to be brown - KURZ gives magnetic foils a design. The foil that we would like to introduce to you here is a further development of our metallic magnetic foil designs: the glittering silver, luminous and shiny new LaserLine Magnetics®.

The reflective LaserLine Magnetics® is the only magnetic foil of its kind on the market. Its sparkling design nevertheless fulfills all the stringent requirements placed on magnetic foils:

- · Protection against counterfeiting through a wide range of security features
- Quality tested according to the required specifications
- Formulations complying with ISO standard
- Tape layer transfer process for high volumes
- · Special surface protection
- · High resistance to external magnetic fields
- Equally suitable for plastics or paper substrates
- · Technical specifications and product data sheet available
- · Approved by a renowned credit card organisation

### TwinLine Magnetics®

Your style, your card – magnetic foils for a new generation



It does not always have to be brown - KURZ gives magnetic foils a design. And the design possibilities are becoming ever more diverse. Thanks to our intensive research efforts, we can now offer you magnetic foils not only in pure, vivid colors but also with a color change effect: the new TwinLine Magnetics®.

KURZ developed the ability to incorporate color shifting pigments into a magnetic foil and has patented this technology. The first colors in our TwinLine Magnetics® series, Arctic fire and Sunlight, do of course offer all the sophisticated characteristics you would expect from a magnetic foil:

- · Protection against counterfeiting through a wide range of security features
- Quality tested according to the required specifications
- Formulations complying with ISO standard
- · Tape layer transfer process for high volumes
- · Special surface protection
- · High resistance to external magnetic fields
- · Technical specifications and product data sheet available

A further advantage: why not overprint TwinLine Magnetics® foils and create new designs?

TwinLine Magnetics® can, if desired, be supplied with an integrated overprint thereby opening up even more possibilities for you to create unique card designs. One of the attached cards shows the Snake

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Pattern, which is just one of the many designs available. Contact us - we are pleased to present you the large variety of combinations on offer.