

# Tracking Your Future True Colours



VALUE

## TrueColours Ribbons

### Introduction

**Digital Scanning Corporation (DSC)** was founded in 1993 to provide total solutions in the area of automatic data capture and identification.

With initial focus on 1D and 2D barcode technologies, DSC's latest portable solutions now incorporate RFID (radio frequency identification) tags, labels and smart cards.

The DSC brand of software and hardware products are known for being affordable, of high quality and highly compatible to existing systems.

**TrueColours Ribbons** ensure reliable colour reproduction and edge-to-edge print quality.

TrueColours plastic card printer ribbons are designed to produce optimum results with your plastic card printer.

TrueColours printer ribbons ensure dependable, consistent high-quality color reproduction from card to card, roll after roll.

Depend on TrueColours printer ribbons for:

- Vibrant, rich, full-colour spectrum reproduction
- Brilliant colour photos and "true-to-life" flesh tones
- Incredibly sharp monochrome resin bar codes and text
- Consistent colour reproduction from panel to panel, roll to roll
- Patented Overlay ("O" panel) for better card protection, less dye migration and protection against abrasions and scratches



### Basic Specifications:

- Designed for full colour printing on one or both sides of a card
- Can be used with all of the Zebra colour card printers
- Prints full colour on the front and black resin on the back
- Laminate patch protects the card





# True Colours

## Technical Specifications

### Card Printer Ribbon Specifications

#### Ribbon Configurations

- » Monochrome Resin Colors: Black, Red, Blue, Green, Metallic Silver, Metallic Gold, White, Scratch-Off Gray
- » Panel Ribbons: Y,M,C, optional K and O: (Yellow, Magenta, Cyan dye) Resin Black or Dye Sub Black and Clear Overlay

#### General Specifications

- » All TrueColours card printer ribbons employ GlidePath™ technology back-coating for extended printhead life
- » Ribbon cartridges are available for Eltron P205 & P210 printers
- » All other ribbons utilize a unique patented design ribbon core that helps eliminate ribbon slippage and prevents user from installing ribbon incorrectly (Patent No. 6,109,801)
- » Each ribbon individually boxed and wrapped in cellophane for protection from dust and other particles

#### Color Dye Sublimation Ribbons

- » Uses dye sublimation transfer printing technology
- » High colour contrast YMC dyes
- » Formulated for ease of use with your printer (no printhead adjustments needed) Durable patented "O" panel protection
- » Multi-panel colour ribbons: Y (Yellow), M (Magenta), C (Cyan)
- » Dye panels in sequence combine to produce 16 million colors

#### TrueColours™ - Multi-Colour Panel, Dye-Sublimation Ribbons

- » Include a variety of options with Yellow / Magenta / Cyan
- » Resin and Dye Sub Black
- » Clear Overcoat panels
- » YMC
- » YMCK
- » YMCKK
- » YMCKO
- » YMCKOK
- » Kresin with O Panel
- » Kdye sub with O Panel

#### Storage Shelf Life

- » One year shelf life for all ribbons except for Gold & Silver
- » Two year shelf life for Gold & Silver ribbons (under the following conditions):
- » Avoid exposure to direct sunlight
- » Avoid high temperatures and high relative humidity
- » Do not store near heat source
- » Do not store near solvents or other chemicals
- » Storage Humidity: 35% to 65% non-condensing
- » Storage Temperature: 41° to 86°F / +5° to +30°C
- » Optimum performance - storage temperature: 70°F / +21°C

#### Ribbons are recommended for use with:

- » Premier PVC and Premier Plus composite plastic cards
- » Certified ISO-Compliant, dust free, smooth edges
- » Card width/length: ISO CR-80 - ISO 7810, 2.12" (54mm) X 3.38" (86mm)

#### Color Resin Thermal Transfer Ribbons

- » Uses thermal transfer printing technology
- » Formulated to offer sharp resin images (no smearing of colour)
- » Formulated for ease of use with your printer (no printhead adjustments needed)
- » Available in seven solid colours and one scratch off type:  
Black, Red, Green, Blue, White, Gold Metallic, Silver Metallic, and Scratch-off Gray

#### Patented and Sealed for Long Life

- » Comes spooled on its own patented core, attached to its own take-up core to ensure proper installation.
- » The core is designed to prevent improper installation, making it simple and user friendly.
- » Packaged in sealed pouches to prevent static-cling dust contamination.
- » Every ribbon comes in its own individual box for extended shelf life.

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