

DATASHEET

Print Ribbons - For Sigma DS Series Printers

HIGHLIGHTS

Entrust offers genuine print ribbons for optimal performance with the Entrust Sigma Direct-to-Card Printers. This provides assurance of secure, smoothrunning performance, cost-efficient operation, and brilliant results.

Our print ribbon portfolio includes dye sublimation and resin thermal transfer ribbons that produce vibrant cards with:

- Colorful images
- Precise bar codes
- Crisp text with fine character fonts

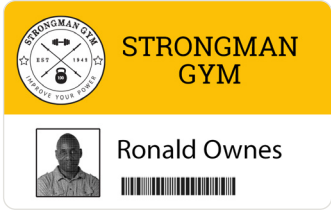
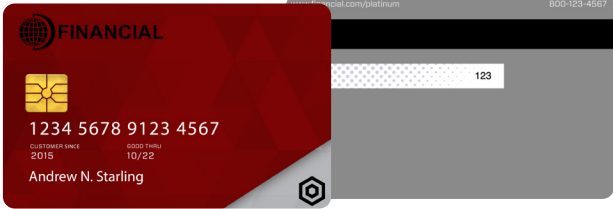
KEY FEATURES & BENEFITS

- RFID communication allows automated ribbon recognition, increasing security and ease of use
- Each print ribbon kit includes a cleaning card and cleaning roller for convenient routine replacement at every ribbon change
- Optional topcoat panel increases card life up to three years, depending on the application
- Entrust print ribbons are designed for ease of use, enabling built-in smart features with our industryleading issuance security architecture; keeping data safe at each step of the issuance process



Ribbon Type	Application
YMCKT Print Ribbon 5 panels: Yellow, Magenta, Cyan, Black, Topcoat  	• Produces full-color, photo-quality images, crisp text, and precision bar codes • Includes topcoat panel for image fade resistance and card protection • For single-sided or double-sided card printing • Full-length panels (98mm) • Available in eco-friendly rolls or prefilled drop-in cassettes
ymcKT Print Ribbon 5 panels: Yellow (half), Magenta (half), Cyan (half), Black, Topcoat  	• Cost-saving ribbon ideal for badging applications where color photos are printed on only half (up to 35mm) of the card • Produces full-color, photo-quality images, crisp text, and precision bar codes • Includes topcoat panel for fade resistance and card protection • For single-sided or double-sided card printing • Half-length (49mm) y, m, and c panels and full-length (98mm) K and T panels
YMCKT-KT Print Ribbon 7 panels: Yellow, Magenta, Cyan, Black, Topcoat, Black, Topcoat  	• Produces full-color, photo-quality images on the front; and black resin printing of crisp text, logos, and bar codes on the back • Includes two topcoat panels for enhanced fade resistance and card protection; both can be applied to front of card for extended card life • For double-sided card printing • Full-length panels (98mm) • Available in eco-friendly rolls or prefilled drop-in cassettes
YMCK Print Ribbon 4 panels: Yellow, Magenta, Cyan, Black  	• Produces full-color, photo-quality images, crisp text, and precision bar codes • Requires lamination module for card protection over front-side color printing • For single-sided or double-sided card printing • Full-length panels (98mm)

Ribbon Type	Application
YMCKK Print Ribbon 5 panels: Yellow, Magenta, Cyan, Black, Black  	• Produces full-color, photo-quality images on the front; and black resin printing of crisp text, logos, and bar codes on the back • Requires lamination module for card protection over front-side color printing • For double-sided card printing • Full-length panels (98mm)
YMCKF-KT Print Ribbon 7 panels: Yellow, Magenta, Cyan, Black, UV Fluorescent, Black, Topcoat  	• Specialty ribbon produces full-color, photo-quality images and UV fluorescing blue panel for covert printing detail on the front; and black resin printing of crisp text, logos, and bar codes on the back • UV fluorescent text and images can be seen under black light; often used as a low-level security feature • Includes topcoat panel for fade resistance and card protection • For single- or double-sided card printing • Full-length panels (98mm)
YMCKL-KT Print Ribbon 7 panels: Yellow, Magenta, Cyan, Black, Luster, Black, Topcoat  	• Specialty ribbon produces full-color, photo-quality images with added luster panel for translucent watermark printing features on the front; and black resin printing of crisp text, logos, and bar codes on the back • Luster printing features can include text, logos or images, providing a translucent mica color flip visual that is also black light visible • Includes topcoat panel for fade resistance and card protection • For single- or double-sided card printing • Full-length panels (98mm) come in eco-friendly rolls

Ribbon Type	Application
KT Print Ribbon 2 panels: Black, Topcoat  	• Black resin printing of crisp text, logos, and precision bar codes • Topcoat panel for fade resistance and card protection • For single-sided or double-sided card printing • Ideal for adding personalization information to preprinted card stock • Full-length panels (101mm)
KTT Print Ribbon 3 panels: Black, Topcoat, Topcoat  	• Black resin printing of crisp text, logos, and precision bar codes • Two topcoat panels provide enhanced fade resistance and protection for extended card life • For single-sided or double-sided card printing • Ideal for adding personalization information to preprinted card stock for frequently used cards • Full-length panels (101mm) • Available in eco-friendly rolls or prefilled drop-in cassettes
ST-KT Print Ribbon 4 panels: Silver, Topcoat, Black, Topcoat  	• Silver matte resin printing of crisp text, logos, and bar codes on the front; and black resin printing on back for details such as CVV for banking applications • Topcoat panels on both sides for fade resistance and card protection • For double-sided card printing • Ideal for adding personalization information to dark-colored preprinted card stock • Full-length panels (101mm)
GT-KT Print Ribbon 4 panels: Gold, Topcoat, Black, Topcoat  	• Gold matte resin printing of crisp text, logos, and bar codes on the front; and black resin printing on back for details such as CVV for banking applications • Topcoat panels on both sides for fade resistance and card protection • For double-sided card printing • Ideal for adding personalization information to dark-colored preprinted card stock • Full-length panels (101mm)

Color Panel Print Ribbons

Item Number	Description	Yield**	DS1	DS2	DS3
525100-001*	YMCKT print ribbon kit Full-color with black resin and clear topcoat panels	250	●	●	●
525100-004*	YMCKT print ribbon kit Full-color with black resin and clear topcoat panels	500	●	●	●
525150-004*	YMCKT print ribbon cassette Prefilled full-color with black resin and clear topcoat panels	500	●	●	●
525100-002*	ymcKT print ribbon kit Full-color half-panels with black resin and clear topcoat panels	650	●	●	●
525100-005*	YMCKT-KT print ribbon kit Full-color with two black resin and two clear topcoat panels	350		●	●
525150-005*	YMCKT-KT print ribbon cassette Prefilled full-color with two black resin and two clear topcoat panels	350		●	●
525100-008	YMCK print ribbon kit Full-color with black resin panel	500			●
525100-009	YMCKK print ribbon kit Full-color with two black resin panels	500			●
525100-011	YMCKF-KT print ribbon kit Full-color with UV fluorescent, two black resin, and clear topcoat panels (for single- or double-sided applications)	300	●	●	●
525100-016	YMCKL-KT print ribbon kit Full-color with specialty luster, two black resin, and clear topcoat panels (for single- or double-sided applications)	300	●	●	●
525100-014	KT print ribbon kit Black resin and clear topcoat panels	1,000	●	●	●
525100-010	KTT print ribbon kit Black resin and two clear topcoat panels	750	●	●	●
525150-012	ST-KT print ribbon cassette Prefilled silver matte resin, black resin, and two topcoat panels	500		●	●
525150-013	GT-KT print ribbon cassette Prefilled gold matte resin, black resin and two topcoat panels	500		●	●

Panel color reference:

Y = Yellow M = Magenta C = Cyan K = Black T = Topcoat F = UV fluorescent L = Luster S = Silver Gold = Gold

*Item number channel suffix code may be applicable

**Ribbon yields: Panel ribbon yields stated are typically the maximum number of panel sets per roll.

Each print kit includes one ribbon, one isopropanol cleaning card, and one adhesive cleaning roller. Additional cleaning cards and cleaning rollers available separately.

Monochrome Print Ribbon Kits

Item Number	Description	Yield**	DS1	DS2	DS3
525900-001*	Black standard/food safe print ribbon kit	1,500	●	●	●
525900-002*	Black high-opacity print ribbon kit	1,500	●	●	●
525900-003	Blue print ribbon kit	1,500	●	●	●
525900-017	White standard/food safe print ribbon kit	1,500	●	●	●
525900-004	White high-opacity print ribbon kit	1,500	●	●	●
525900-005	Red print ribbon kit	1,500	●	●	●
525900-006	Silver matte print ribbon kit	1,500	●	●	●
525900-007	Gold matte print ribbon kit	1,500	●	●	●
525900-008	Green print ribbon kit	1,500	●	●	●
525900-009	Scratch-off print ribbon kit	1,500	●	●	●
252900-014	Metallic silver print ribbon kit	1,500	●	●	●
525900-015	Metallic gold print ribbon kit	1,500	●	●	●

*Item number channel suffix code may be applicable

**Ribbon yields: Monochrome ribbon actual yields may be up to 3 times greater due to Entrust ribbon saver features.

Each print kit includes one ribbon, one isopropanol cleaning card, and one adhesive cleaning roller.
Additional cleaning cards and cleaning rollers available separately.