

*Signature Series*TM

WAX/RESIN

Signature SeriesTM Wax/Resin prints on paper and low-end synthetic tags and labels, providing durable, smudge-resistant images. In addition, SCCA's proprietary technology dissipates static, resulting in hassle-free, low maintenance thermal transfer solutions.

Specific Features

- Prints durable, smudge-resistant images
- Hassle-free, low maintenance thermal transfer solutions
- Excellent rotated bar codes
- Prints dark images on paper and low-end synthetic tags and labels
- Available in SmartPaksTM
- Dissipates static, resulting in hassle-free, low maintenance thermal transfer solutions

Recommended Applications



Pharmaceutical Labels
Sony ribbons provide dark, durable images for critical applications.



Direct Package Printing
Scratch and smudge resistance make Sony ribbons ideal for direct printing on foil packaging materials.



Storage Labels
Sony ribbons are a durable, cost-effective solution for your barcoding applications.



Retail Tag Labels
Prints dark, durable images on low-end synthetic tags and labels.



Signature Series™ WAX/RESIN

Ribbon Property		
Description	Specification	Measurement Method
Ink Material	Wax/Resin	—
Total Thickness (µm)	7.9 ± 0.6	Micrometer
Base Film Thickness (µm)	4.8 ± 0.4	Micrometer
Ink Thickness (µm)	2.8 ± 0.4	Micrometer
Ribbon Transmission Density	≥ 1.4	Densitometer
Print Density	≥ 1.8	Densitometer

Durability of Printed Image	
Substrate:	Clear polyethylene poly-bag
Print Speed: 6 IPS	Print Density: 1.93
Smudge Resistance:	ANSI B ¹
Test Equipment:	Colorfastness Tester
Conditions:	Smudge Test: 50 cycles @ 500 grams with cotton cloth Scratch Test: 20 cycles @ 500 grams with stainless steel pointed tip
¹ Represents the American National Standards Institute (ANSI) Grade measured at the given conditions. Grade levels are A, B, C, D, and F, where A is excellent, B is above average, C is average, D is below average, and F is poor.	

Extreme Temperature Ribbon Storage Stability	
Exposure Period: 3 cycles at each of the following conditions:	
Conditions:	-20°C/-4°F for 12 hours 50°C/122°F for 12 hours
Results: No change in print quality after each exposure period.	

Conversion Chart	
Millimeters (mm) to inches ▶ mm ÷ 25.4	Inches to mm ▶ Inches ÷ 0.03937
Meters (m) to Feet (ft) ▶ m ÷ 0.3048	Feet to Meters ▶ Feet ÷ 3.2808
C° to F° ▶ (1.8 x C°) + 32 = F°	F° to C° ▶ (F° ÷ 1.8) - 17.77 = C°
Thousand square inches (MSI) to m ² ▶ msi x 0.645	MSI = m ² ÷ 0.645

Recommended Applications
Pharmaceutical labels, retail tag labels, shipping labels, direct package printing (poly-bags), tote labels, horticulture labels.

The information on this data sheet was obtained in Sony Chemicals Corporation laboratories. Measured values may vary slightly when tested in a different environment. Information contained within this document is subject to change without notification.

SONY

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