

Signature Series™ WAX/RESIN

Signature Series™ 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 SmartPaks™
- Dissipates static, resulting in hassle-free, low maintenance thermal transfer solutions

Recommended Applications

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



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 flexible poly-bags.



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	
Labelstock: Coated Paper	
Print Speed: 6 IPS	Print Density: 1.93
Smudge Resistance: ANSI B ¹	Scratch Resistance: ANSI A ¹
Test Equipment: Colorfastness Tester	
Conditions: Smudge Test: 50 cycles @ 500 grams with cotton cloth Scratch Test: 20 cycles @ 200 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	
mm to inches ▶ mm ÷ 25.4	Inches to mm ▶ inches ÷ .03937
M to feet ▶ M ÷ .3048	Feet to M ▶ feet ÷ 3.2808
C° to F° ▶ (1.8 x C°) + 32 = F°	F° to C° ▶ F°/1.8 - 17.777 = C°
Square inches to square meters ▶ square meters = MSI ÷ .645	MSI = square meters x .645

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

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.