

# Signature Series™ WAX

Signature Series™ Wax is a reliable, cost-effective solution for a wide range of applications. It prints at high speeds and delivers crisp, durable images on a variety of substrates. It is versatile enough to print on papers as well as low-end synthetics.

## Specific Features

- Suitable for a wide range of applications
- Prints crisp rotated bar codes
- Prints dark images at high speeds (12 IPS+)
- Available in SmartPaks™
- Dissipates static, resulting in hassle-free, low maintenance thermal transfer solutions
- Meets FDA requirements for indirect food contact applications

## Recommended Applications

*Ingredient labels, pharmaceutical labels, retail tag labels, shipping labels, tote labels, general ticketing, price tags.*



### Shipping Labels

Sony ribbons deliver crisp rotated bar codes on coated and uncoated tag and label stocks.



### Retail Tag Labels

Sony ribbons deliver smudge-resistant images and accurate scanning even after frequent handling.



### Storage Labels

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



### Retail Labels

Signature Series Wax ribbons meet FDA requirements for indirect food contact applications.

# SONY

Sony Chemicals Corporation of America



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**Signature Series™ WAX**

Ribbon Property		
Description	Specification	Measurement Method
Ink Material	Wax	—
Total Thickness (μm)	7.8 ± 0.7	Micrometer
Base Film Thickness (μm)	4.8 ± 0.4	Micrometer
Ink Thickness (μm)	3.0 ± 0.5	Micrometer
Ribbon Transmission Density	> 1.1	Densitometer
Print Density	> 1.60	Densitometer

Durability of Printed Image	
Labelstock: Coated paper	
Print Speed: 6 IPS	Print Density: 1.65
Smudge Resistance: ANSI B <sup>1</sup>	Scratch Resistance: ANSI C <sup>1</sup>
Test Equipment: Colorfastness Tester	
Conditions: Smudge Test: 25 cycles @ 500 grams with cotton cloth Scratch Test: 20 cycles @ 200 grams with stainless steel pointed tip	
<sup>1</sup> 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>Ingredient labels, pharmaceutical labels, retail tag labels, shipping labels, tote labels, general ticketing, price tags.</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.

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