

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.

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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 ¹	Scratch Resistance: ANSI C ¹
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	
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

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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.