

# 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<br>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   |
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| <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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