

TR4065

SONY



P r e m i u m W a x / R e s i n



TR4065 is the fastest growing ribbon for the outdoor tag market.

It prints at energy levels equal to or less than wax ribbons. TR4065 also provides durability comparable to resin ribbons on many low-end synthetics.

Specific Features

- Excellent on smooth label stocks, especially high-gloss paper and polyethylene
- UL recognized
- Features Sony's SmoothCoat™ backcoat
- Specially formulated topcoat enhances smudge and scratch resistance
- Highly resistant to the effects of outdoor exposure (wind, rain and sunlight)

Recommended Applications

Lumber tags, tote labels, wire tags, pharmaceutical labels, wrist bands, ski lift tags, hunting tags, nursery labels, retail tags and labels.



Shipping Labels

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



Pharmaceutical Labels

Sony ribbons provide dark, durable images for critical applications.



Shelf Labels

Clear, crisp Sony printed images are easily seen and read in retail applications.



Horticulture Tags

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

Certified ISO 9001 / ISO 14001 by



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TR4065

Premium Wax/Resin

Ribbon Property		
Description	Specification	Measurement Method
Ink Material	Wax/Resin	—
Total Thickness (µm)	7.6 ± 0.5	Micrometer
Base Film Thickness (µm)	4.8 ± 0.4	Micrometer
Ink Thickness (µm)	1.5 ± 0.4	Micrometer
Ribbon Transmission Density	0.5 – 1.2	Densitometer
Print Density	≥ 1.5	Densitometer

Durability of Printed Image	
Label Stock: Polyethylene	
Print Speed: 6 IPS	Print Density: 1.75
Smudge Resistance: ANSI A 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 Standard 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.	

Conversion Chart	
Millimeters (mm) to inches = $\text{mm} \div 25.4$	Inches to mm = $\text{Inches} \div 0.03937$
Meters (m) to Feet (ft) = $\text{m} \div 0.3048$	Feet to Meters = $\text{Feet} \div 3.2808$
$\text{C}^\circ \text{ to } \text{F}^\circ = (1.8 \times \text{C}^\circ) + 32 = \text{F}^\circ$	$\text{F}^\circ \text{ to } \text{C}^\circ = (\text{F}^\circ \div 1.8) - 17.77 = \text{C}^\circ$
Thousand square inches (MSI) to $\text{m}^2 = \text{msi} \times 0.645$	$\text{MSI} = \text{m}^2 \div 0.645$

Recommended Applications
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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.

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