

# TRX-55

# SONY



P r e m i u m   W a x / R e s i n



This premium wax/resin formulation is designed to print on a wide variety of receiving materials. This includes coated and uncoated paper labels and tags, varnished label stock and films. This ribbon offers excellent barcode scanning with sharp, reliable images at a wide variety of printing speeds. TRX-55 is also an extremely versatile all-purpose wax/resin that will outperform other ribbons in extreme environments. Powerful resistance against smearing and chemicals makes TRX-55 a perfect choice for your demanding environments.

## Specific Features

- Ideal for printing on coated and uncoated paper labels and tags, varnished label stock and films
- Sharp and reliable print quality at low to high print speeds
- Excellent barcode scannability
- Extreme versatility
- Superior smudge and chemical resistance
- UL recognized

## Recommended Applications

Point-of-Purchase labels, shipping labels, storage labels, horticulture tags, lumber tags, electronics labels.



### Point-of-Purchase Labels

High-quality Sony printed images are ideal for coated and uncoated paper labels and tags.



### Shipping Labels

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



### Storage Labels

Sony ribbons offer cost-effective solutions on a wide variety of substrates.



### Electronics Labels

Durable and scratch-resistant images offer excellent barcode scanning at a variety of print speeds.

Certified ISO 9001 / ISO 14001 by



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# TRX-55

Premium Wax / Resin

Ribbon Properties		
Description	Specification	Measurement Method
Ink Material	Wax/Resin	—
Total Thickness (µm)	7.6 ± 0.5	Micrometer
Base Film Thickness (µm)	4.5 ± 0.5	Micrometer
Ink Thickness (µm)	1.5 ± 0.4	Micrometer
Print Density	≥ 1.7	Densitometer

Durability of Printed Image	
Label Stock: Polypropylene	
Print Speed: 6 IPS	Print Density: 1.9
Smudge Resistance: ANSI A <sup>1</sup>	Scratch Resistance: ANSI A <sup>1</sup>
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	
<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.	

Heat Resistance
Label Stock: Top Coated
Printed Image Heat Resistance: 122° F (50° C)
Test Method: 50° C, card board smudge at 200 gf.

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 = $\text{Feet} \div 3.2808$
C° to F° = $(1.8 \times \text{C}^\circ) + 32 = \text{F}^\circ$	F° to C° = $(\text{F}^\circ \div 1.8) - 17.77 = \text{C}^\circ$
Thousand square inches (MSI) to m <sup>2</sup> = $\text{msi} \times 0.645$	MSI = $\text{m}^2 \div 0.645$

Recommended Applications
Point of purchase labels, shipping labels, storage labels, horticulture tags, lumber tags, chemical drum labels.

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.

Visit us at [www.sonychemicals.com](http://www.sonychemicals.com)  
F-TRX-55 04/05

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