

Thermal Transfer Ribbon Technical Data Sheet

TR4500 Premium Near Edge Wax/Resin

Product Description

Part of a complete line of superior-performing near edge product solutions, TR4500 is the best ribbon on the market for thermal transfer printers equipped with near edge or corner edge printheads. TR4500 is designed with specially formulated backcoat technology for printhead protection as well as exclusive anti-static properties for easy handling and extra printhead protection. This ribbon prints dark images at high speeds and low energy settings on a wide variety of label and tag stocks from paper to low-end synthetics.

Recommended Applications





BEVERAGES



CONDIMENTS









HORTICULTURE



INVENTORY





MEATS & CHEESES



MEDICAL DEVICES



OUTDOOR





PHARMACEUTICAL















Recommended Substrates

Coated/uncoated papers and tags, gloss paper, polyethylene, polyolefin, Tyvek®, Tyvek Brillion®, Kimdura, Valeron®, Polyart®

Performance Characteristics

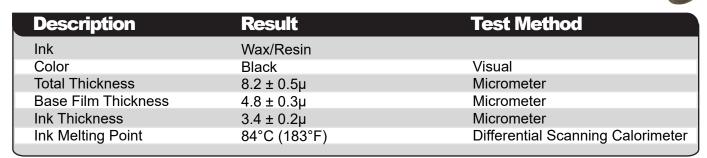
- Halogen-Free
- Prints excellent images on a wide variety of label and tag stocks
- Anti-static for easy handling and extended printhead life
- Specially formulated backcoating for printhead protection
- Unbeatable edge definition for dark, dense images and improved scan rates



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Ribbon Properties



Durability of Printed Image

Label Stock: Coated Paper Print Speed: 6 IPS

Description	Result	Test Method
Print Density	> 1.86	Densitometer
		Colorfastness Tester - 100 Cycles @
Smudge Resistance	A*	500 Grams with Cotton Cloth
		Colorfastness Tester - 50 Cycles @
Scratch Resistance	A*	200 Grams with Stainless Steel Pointed Tip
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^{*}American National Standard Institute (ANSI) Grade Levels 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

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Millimeters (mm) to Inches = mm ÷ 25.4	Inches to Millimeters (mm) = Inches ÷ 0.03937
Meters (m) to Feet (ft) = m ÷ 0.3048	Feet (ft) to Meters (m) = Feet ÷ 3.2808
C° to $F^{\circ} = (1.8 \times C^{\circ}) + 32 = F^{\circ}$	F° to $C^{\circ} = (F^{\circ} \div 1.8) - 17.77$
Thousand square inches (MSI) to m ² = MSI X 0.645	$MSI = m^2 \div 0.645$
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The information on this data sheet was obtained in our 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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