



Thermal Transfer Ribbon Technical Data Sheet

PEAK GENERAL PURPOSE WAX

Product Description

PEAK General Purpose ribbon is our premier wax product. Featuring an unbeatable backcoat for printhead protection, this unique ink formulation dissipates static and is versatile enough to print on a wide variety of label stocks. No other wax product beats PEAK's General Purpose when it comes to crisp, rotated bar codes and dark, durable images.

Recommended Applications



FLEXIBLE
PACKAGING



GENERAL



INVENTORY



LOGISTICS



PARTS
PACKAGING



PHARMACEUTICAL



PRODUCT ID



RETAIL



RFID



SHELF



SHIPPING



SIGNAGE

Recommended Substrates

Coated/uncoated paper & tag stocks, synthetic paper, polyethylene, polypropylene, polyolefin, Kimdura[®], Valeron[®], Polyart[®], gloss paper, flood-coated paper, UV varnished labels

Performance Characteristics

- Halogen-Free
- Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films
- Prints at high speeds (12 IPS) delivering crisp, rotated bar codes
- Dissipates static
- Enhanced smudge and scratch resistance
- Superior print quality on flood-coated labels
- Unbeatable dark, dense images and improved scan rates

Visit us at www.peaktech.com

PEAK Technologies is the leading systems integrator of bar code based data collection and printing systems, wireless transaction processing and, mobile solutions supported by a wide range of consumables, maintenance, and service options.

PEAK Technologies, Inc.
10330 Old Columbia Road
Columbia, MD 21046
TEL: 888.275.7325 (888-ASK-PEAK)



Thermal Transfer Ribbon Technical Data Sheet

PEAK GENERAL PURPOSE WAX

Ribbon Properties

Description	Result	Test Method
Ink	Wax (resin-enhanced)	
Color	Black	Visual
Total Thickness	8.0 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer
Ink Thickness	3.2 ± 0.2μ	Micrometer
Ink Melting Point	75°C (167°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: Coated Paper

Print Speed: 6 IPS

Description	Result	Test Method
Print Density	> 1.80	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 50 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 20 Cycles @ 200 Grams with Stainless Steel Pointed Tip

*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

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° = (1.8 X C°) + 32 = F°	F° to C° = (F° ÷ 1.8) - 17.77
Thousand square inches (MSI) to m ² = MSI X 0.645	MSI = m ² ÷ 0.645

Visit us at www.peaktech.com

PEAK Technologies is the leading systems integrator of bar code based data collection and printing systems, wireless transaction processing and, mobile solutions supported by a wide range of consumables, maintenance, and service options.

PEAK Technologies, Inc.
10330 Old Columbia Road
Columbia, MD 21046
TEL: 888.275.7325 (888-ASK-PEAK)