



Thermal Transfer Ribbon Technical Data Sheet

PEAK GENERAL PURPOSE PREMIUM

Product Description

PEAK's General Purpose Premium ribbon is halogen-free and, has a unique ink formulation that dissipates static. It is a versatile and durable ribbon that has superior print quality on low-end synthetics. General Purpose Premium prints at low temperatures and high speeds and prints the darkest images possible from a general purpose ribbon.

Recommended Applications



ASSET TRACKING



AUTOMOTIVE



FLEXIBLE PACKAGING



GENERAL



HEALTHCARE



HORTICULTURE



INVENTORY



LOGISTICS



MEDICAL DEVICES



OUTDOOR



PARTS PACKAGING



PHARMACEUTICAL



PRODUCT ID



RETAIL



RFID



SHELF



SHIPPING



SIGNAGE

Recommended Substrates

Gloss paper, polpropylene, top-coated vinyl, polyethylene, polystyrene, coated/uncoated Valeron[®], polyolefin, coated/uncoated V-max[®], Tyvek[®], Tyvek Brillion[®]

Performance Characteristics

- Halogen-Free
- Prints at high speeds (12 IPS) delivering crisp, rotated bar codes
- Anti-static for easy handling and extended printhead life
- Superior print quality on low-end synthetics
- Unbeatable for clean, durable, and dense bar codes

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)



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Ribbon Properties

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	8.1 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer
Ink Thickness	3.3 ± 0.2μ	Micrometer
Ink Melting Point	85°C (185°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: Polypropylene

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

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