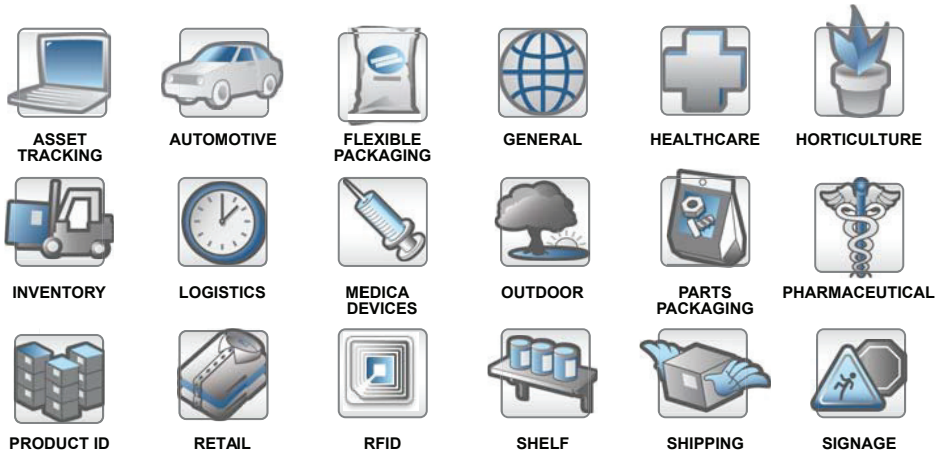
Thermal Transfer Ribbon Technical Data Sheet

Peak general purpose premium

Product description

Peak 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



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

Ribbon properties

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	8.1 3 0.5µ	Micrometer
Base Film Thickness	4.8 3 0.3µ	Micrometer
Ink Thickness	3.3 3 0.2µ	Micrometer
Ink Melting Point	85°C (185°F)	Differential Scanning Calorimeter

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Durability of printed image

Label Stock: Polypropylene Print Speed: 6 IP

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

Contact Us

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