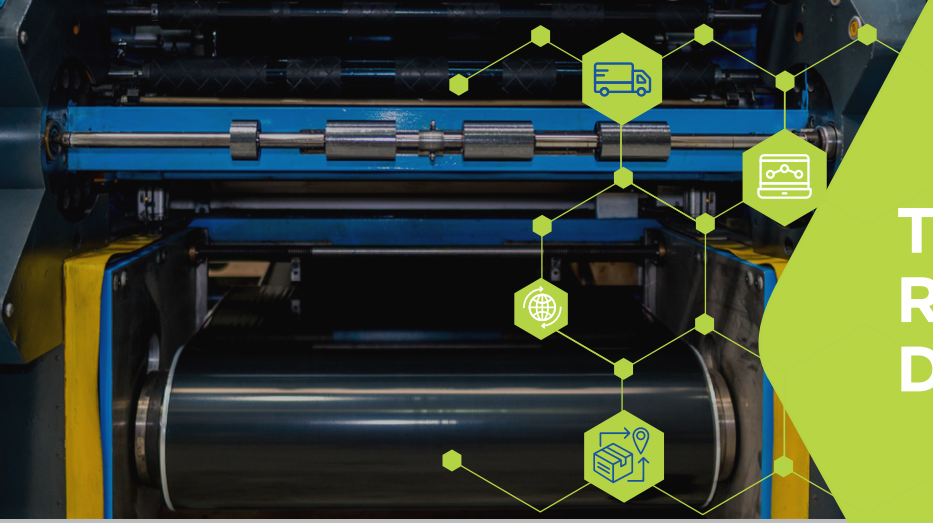

PEAK TECHNOLOGIES

Thermal Transfer Ribbon Technical Data Sheet

Peak Technologies Performance Premium

Product description

Peak Performance Premium prints on a broad range of label stocks, providing abrasion resistance and print sensitivity. This ribbon is perfect for printing long lasting images on coated tags, uncoated tags, and glossy print media. Performance Premium is designed with Peak's specially formulated backcoat technology for printhead protection as well as exclusive anti-static properties for easier handling and extra printhead protection. Printing at speeds up to 12 IPS, this ribbon utilizes less print energy than competing wax/resin ribbons.

Recommended applications

Recommended substrates

Coated/uncoated paper, synthetic paper, polypropylene, polyethylene, polyolefin, Kimdura®, Valeron®, Polyart®

Performance Characteristics

- Halogen-Free
- Extensive label adaptability expanding application options
- Remarkably low print energy used to create high quality bar codes
- Abrasion and solvent resistant
- High speed printing up to 12 IPS
- Specially formulated backcoating for printhead protection

PEAK PERFORMANCE

Peak Technology Performance Premium

Ribbon properties

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	7.4 3 0.5 µ	Micrometer
Base Film Thickness	4.8 3 0.3µ	Micrometer
Ink Thickness	2.6 3 0.2µ	Micrometer
Ink Melting Point	73°C (163°F)	Differential Scanning Calorimeter

Durability of printed image

Label Stock: Top-coated Polyester Print speed: 6 IPS

Description	Result	Test Method
Print Density	> 1.60	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

Order online or contact us today!

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