



Thermal Transfer Ribbon Technical Data Sheet



Performance Characteristics

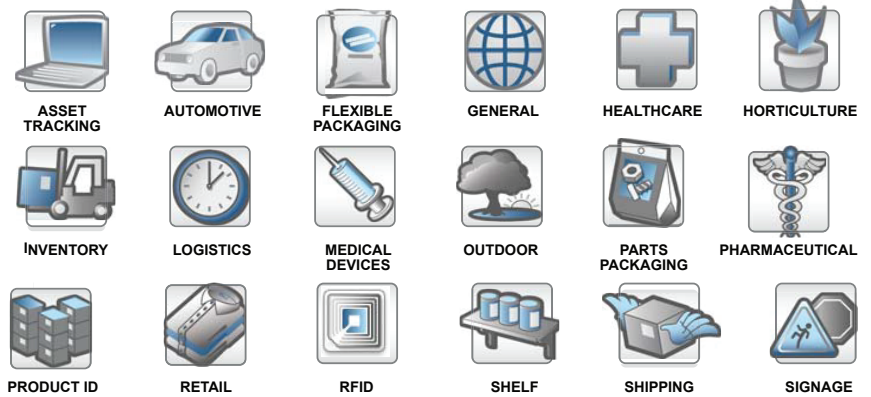
- Halogen-Free
- Prints at high speeds (12 IPS) delivering crisp, rotated bar codes
- Anti-static for easy handling and extended printhead life
- Superior print quality on low-end synthetics
- Unbeatable for clean, durable, and dense bar codes

Peak-Ryzex General Purpose Premium

Product Description

Peak-Ryzex'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



Recommended Substrates

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

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

Contact Us

Our customer call center is available 24 hours a day, 7 days a week for customer service requests

To place a service call:

☎ 1-888-275-7325

✉ service@peak-ryzex.com

Peak-Ryzex General Purpose Premium

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 = $\text{mm} \div 25.4$	Inches to Millimeters (mm) = $\text{Inches} \div 0.03937$
Meters (m) to Feet (ft) = $\text{m} \div 0.3048$	Feet (ft) to Meters (m) = $\text{Feet} \div 3.2808$
$\text{C}^\circ \text{ to } \text{F}^\circ = (1.8 \times \text{C}^\circ) + 32 = \text{F}^\circ$	$\text{F}^\circ \text{ to } \text{C}^\circ = (\text{F}^\circ \div 1.8) - 17.77$
Thousand square inches (MSI) to m^2 = $\text{MSI} \times 0.645$	$\text{MSI} = \text{m}^2 \div 0.645$

PEAK-RYZEX™

Peak-Ryzex, Inc.

10330 Old Columbia Road, Columbia, Maryland 21046 • USA • 800-926-9212

info@peak-ryzex.com | www.peak-ryzex.com

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