

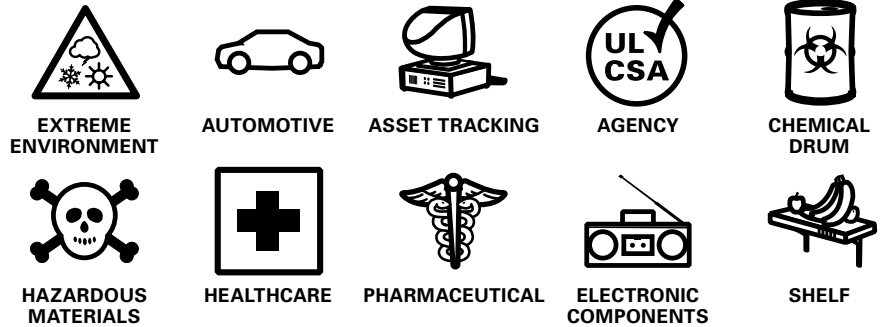


PEAK ULTRA PREMIUM RESIN Thermal Transfer Ribbon

Product Description

PEAK has the most elite resin ribbon product offering in the industry. PEAK Ultra Premium offers a wide variety of printing solutions at high print speeds, making it the most diverse resin of its kind. It out performs the competition in abrasion and solvent resistance, and contains PEAK's standard anti-static and back coat properties for protecting print heads. And, like all PEAK Performance ribbons, PEAK Ultra Premium is the ribbon to use for clean, extremely durable, and dense bar codes.

Recommended Applications



Recommended Substrates

Synthetic paper, polyester, polyethylene, polypropylene, polyolefin, PVC cards, vinyl

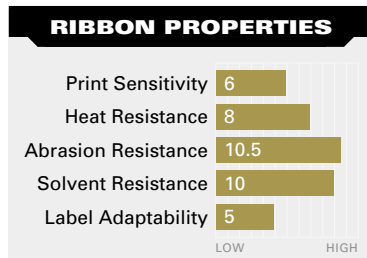
Performance Characteristics

- Excellent print quality at high speeds
- Extreme durability against solvents and abrasions
- Extensive label adaptability expanding application options
- UL Recognized
- Clean, durable, and dense bar code printing
- Most economical resin with PEAK's unmatched scratch and solvent resistance
- Anti-static for easy handling and extended print head life
- PEAK's specialty formulated back coating for print head protection

PEAK TECHNOLOGIES

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.

PRODUCTS	
WAX	PEAK General Purpose Wax
WAX/RESIN	PEAK Premium Wax/Resin
RESIN	PEAK Ultra Premium Resin PEAK Ultra Extreme Resin



Contact PEAK
1.877.406.5345
www.peaktech.com

RESIN

TECHNICAL DATA SHEET

PEAK PERFORMANCE THERMAL TRANSFER RIBBONS

RIBBON SPECIFICATIONS

DESCRIPTION	TECHNICAL SPECIFICATIONS
Ink	Resin
Color	Black
Ink Thickness	1.4 ± 0.4μ
Base Film Thickness	4.5μ
Ribbon Thickness	8.7 ± 0.8μ
Ink Melting Point	Under measurement
Print Density	>1.6

PERFORMANCE OF PRINTED IMAGE

DESCRIPTION	TECHNICAL SPECIFICATIONS
Tested Substrate	FLEXcon THERMAfilm® SELECT™ 21830
Abrasion Resistance Test (TEST METHOD: Standardized Abrasion Test Wheel)	30 cycles @ 500g covered CS-10
Solvent Resistance Test (TEST METHOD: Crockmeter)	WATER 1000 cycles @ 248g covered with cloth*
	IPA 1000 cycles @ 248g covered with cloth*
	KEROSENE 300 cycles @ 248g covered with cloth*
	GASOLINE 90 cycles @ 248g covered with cloth*
Heat Resistance	<170°C (<338°F)
Print Speed	2 to 12 IPS

CONVERSION CHART

mm to in.	(mm ÷ 25.4)	in. to mm	(in. ÷ 0.03937)
m to ft.	(m ÷ 0.3048)	ft. to m	(ft. ÷ 3.2808)
C° to F°	[(1.8 x C°) + 32]	F° to C°	[(F° ÷ 1.8) - 17.777]
in. to m	(MSI ÷ 0.645)	m ² to MSI	(m ² x 0.645)

RIBBON STORAGE CONDITIONS

Temperature	5°C to 35°C (41°F to 95°F)
Humidity	10% to 85% relative humidity
Light	Avoid direct sunlight

*Highest number of cycles where ANSI grade A can still be scanned.
 Measured values may vary slightly when tested under different environments. Information subject to revisions without notification.
 THERMAfilm® and SELECT™ are registered trademarks of FLEXcon. MSDS is available upon request.

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RESIN

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PEAK[®]
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