



# PEAK GENERAL PURPOSE PLUS

## Thermal Transfer Ribbon

### Product Description

PEAK General Purpose Plus is PEAK's toughest resin-enhanced wax ribbon. PEAK General Purpose Plus offers the best in durability, solvent resistance and print density, with an economic value greater than most standard wax/resin ribbons on the market. PEAK General Purpose Plus prints at high speeds with increased print sensitivity, resulting in low energy settings for printhead protection. We recommend PEAK General Purpose Plus for wax applications that require the highest performance and greatest value from a wax ribbon.

### Recommended Applications



GENERAL



SHIPPING



INVENTORY



LOGISTICS



SHELF



FLEXIBLE PACKAGE



HORTICULTURE



PHARMACEUTICAL



RETAIL



TEXTILE

### Recommended Substrates

Coated paper, synthetic paper, polystyrene, polyethylene, polypropylene, polyolefin, Kimdura®, Valeron®, Polyart®

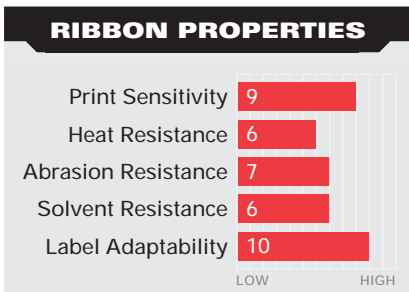
### Performance Characteristics

- Extreme durability and solvent resistance across a wide range of wax and wax/resin applications
- Low print energy settings for increased printhead protection
- Excellent print quality at high speeds
- Anti-static for easy handling and printhead protection
- Clean, durable, and dense bar codes

### 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	
<b>WAX</b>	
▶	PEAK General Purpose Wax
	PEAK General Purpose Plus
<b>WAX/RESIN</b>	
	PEAK Premium Wax/Resin
<b>RESIN</b>	
	PEAK Ultra Premium Resin
	PEAK Ultra Extreme Resin



**Contact PEAK**  
 1.877.406.5345  
 www.peaktech.com

**WAX**

**TECHNICAL DATA SHEET**

## RIBBON SPECIFICATIONS

DESCRIPTION	TECHNICAL SPECIFICATIONS
Ink	Wax
Color	Black
Ink Thickness	2.95 $\mu$ $\pm$ 0.25 $\mu$
Base Film Thickness	4.50 $\mu$ $\pm$ 0.50 $\mu$
Ribbon Thickness	7.56 $\mu$ $\pm$ 0.79 $\mu$
Ink Melting Point	79°C – 85°C (174.2°F – 185.0°F)
Print Density	>1.5

## PERFORMANCE OF PRINTED IMAGE

DESCRIPTION	TECHNICAL SPECIFICATIONS
Tested Substrate	Fasson® Trans-Therm® 1C 12906
Test Method	Crockmeter
Abrasion Resistance Test	220 cycles @ 900g covered with cloth*
Solvent Resistance Test	WATER 1000 cycles @ 248g covered with cloth*
	IPA 1000 cycles @ 248g covered with cloth*
	BRAKE FLUID 1000 cycles @ 248g covered with cloth*
Heat Resistance	<70°C (<158°F)
Print Speed	2 to 12 IPS

## CONVERSION CHART

mm to in.	(mm $\div$ 25.4)	in. to mm	(in. $\div$ 0.03937)
m to ft.	(m $\div$ 0.3048)	ft. to m	(ft. $\div$ 3.2808)
C° to F°	[(1.8 x C°) + 32]	F° to C°	[(F° $\div$ 1.8) – 17.777]
in. to m	(MSI $\div$ 0.645)	m <sup>2</sup> to MSI	(m <sup>2</sup> 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. Fasson Trans-Therm 1C is a registered trademark of Avery Dennison Corporation. Kimdura is a registered trademark of Kimberly-Clark Corporations. Polyart is a registered trademark of Arjobex. Valeron® Strength Film is a registered trademark of Illinois Tool Works Inc. MSDS is available upon request.

[www.peaktech.com](http://www.peaktech.com)

**WAX**

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