

## PREMIUM FLAT HEAD WAX RESIN

### PRODUCT DESCRIPTION

This grade is an excellent all-round premium wax resin ribbon for printing dark, crisp images and barcodes on a wide range of paper and synthetic labels with the durability and smudge/scratch resistance expected of such a premium product. Developed specifically to cover the widest possible range of pre-printed labels, it gives excellent performance on various inks used in the spot and flood coating processes, eliminating any possible slippage during the printing process. Additional thermal transfer varnish on the label is not required, thus reducing total cost of ribbon and label. It also features an excellent backcoat system which combined with the unique ink formulation dissipates static and is versatile enough to print on a wide variety of both paper and synthetic label stocks. Also meets ANSI Standard A for scratch and smudge resistance.

### RECOMMENDED SUBSTRATES

Coated/uncoated paper & tag stocks, synthetic paper, polyethylene, polypropylene, polyolefin, gloss paper, flood-coated paper, UV varnished labels

### PERFORMANCE PROPERTIES

#### PRINT SENSITIVITY

9

#### HEAT RESISTANCE

5

#### ABRASION RESISTANCE

7

#### SOLVENT RESISTANCE

4

#### LABEL ADAPTABILITY

8

LOW

MEDIUM

HIGH

### TYPICAL APPLICATIONS



PHARMACY



SHELVING



LOGISTICS



RETAIL



GENERAL



INVENTORY



PRODUCT ID



RFID



HORTICULTURE



NUMBER  
PLATES



SHIPPING



SIGNAGE



PREMIUM FLAT HEAD WAX RESIN

PERFORMANCE CHARACTERISTICS

- Ideal for printing on spot and flood coated labels
- Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films
- Dark, dense images for reliable printing
- Prints at high speeds (12 IPS)
- Dissipates static
- Good smudge and scratch resistance
- Features enhanced printer performance
- Printed image on paper substrate can withstand freezing temperatures of up to -26°C

Flat Head Technology Grades\*

	<b>Premium Wax</b> Best choice for general purpose labelling
	<b>High Performance Wax</b> General purpose labelling with extra durability
	<b>Premium Wax Resin</b> Great print performance with very good durability
	<b>High Performance Wax Resin</b> Great print performance with excellent scratch resistance
	<b>Premium Resin</b> Extra scratch resistance on synthetic labels
	<b>Premium Textile Resin</b> Excellent print on textiles with wash resistance

\*These ribbon grades are for use with flat head technology printers. We also offer ribbons grades for near edge technology printers and thermal transfer coders.

RIBBON SPECIFICATIONS

DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester
TOTAL RIBBON THICKNESS	7.5 Microns +/- 0.02
INK TYPE	Wax/Resin (flat head technology)
COLOUR	Black
INK MELTING POINT	70°C
DENSITY	1.9

RIBBON STORAGE CONDITIONS

DESCRIPTION	TECHNICAL
TEMPERATURE	5°C to 35°C (41F to 95F)
HUMIDITY	10% to 85% relative humidity
LIGHT	Avoid direct sunlight

CERTIFICATIONS AND APPROVALS

DESCRIPTION	TECHNICAL
ISO 9001:2015 & ISO 14001:2015	All ribbons have been manufactured to these international quality standard
RoHs/WEEE	EC directives 2012/19/EU and 2011/65/EU, compliance to the limitation of dangerous substances in electrical and electronics equipment
HEAVY METALS	94/62/EC & 2011/65/EU
TSCA/CP 65	The ribbon does not contain any of the substances on this list
AMES TEST	The ribbon is not mutagenic, does not cause DNA modifications
EC DIRECTIVES	1999/45/EC and 2001/59/EC. This ribbon does not contain any substance classified as dangerous for health
FOOD CONTACT	1935/2004/EC
REACH/SVHC	Does not contain any of the SVHCs listed - 1907 / 2006/EC
DISPOSAL	To be disposed of as mixed industrial waste

This information is the best available on the above ribbon grade. These results should, however, only be regarded as a general guide to material properties and is not a guarantee.



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