

SAMPLE ONLY. PRINT TO PDF BEFORE SENDING.

HIGH PERFORMANCE FLAT HEAD WAX

PRODUCT DESCRIPTION

This grade is a high performance resin enhanced wax ribbon, the ideal choice for a wide range of applications, ranging from uncoated paper to synthetic label stock. The special ink formulation and unique back coating ensure an excellent antistatic ribbon, ideal for printing RFID labels and extending printhead life. With print speeds of up to 8 inches per second, this wax ribbon provides dark, durable images with crisp rotated barcodes, text and graphics. It has the additional benefits of flexibility and durability, allowing slot-in replacement for other premium wax products without the need for printer setting adjustment. It is available from stock in a wide range of sizes suitable for use on all flat head technology printers.

RECOMMENDED SUBSTRATES

Vellum, uncoated papers, semi-gloss & full gloss papers, tag board, synthetic paper, polyethylene, polypropylene, flood-coated paper, UV varnished labels

PERFORMANCE PROPERTIES

PRINT SENSITIVITY

9

HEAT RESISTANCE

5

ABRASION RESISTANCE

6

SOLVENT RESISTANCE

4

LABEL ADAPTABILITY

9

COMPLIANCE CERTIFICATIONS



REACH



RoHS2.0



ISO



MSDS

TYPICAL APPLICATIONS



PHARMACY



SHELVING



LOGISTICS



RETAIL



GENERAL



INVENTORY



PRODUCT ID



RFID



HORTICULTURE



NUMBER
PLATES



SHIPPING



SIGNAGE



HIGH PERFORMANCE FLAT HEAD WAX

- Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films
- Excellent print quality at high speed (8 IPS)
- Dark, dense images for improved scan rates
- Crisp, rotated barcodes
- Dissipates static - ideal for RFID labels
- Enhanced smudge and scratch resistance
- Superior print quality on flood-coated labels
- A slot-in replacement for other wax grades
- Print on paper substrate withstands freezing temperatures to -26°C



FLAT HEAD TECHNOLOGY GRADES*

Premium Wax

Best choice for general purpose labelling

High Performance Wax

General purpose labelling with extra durability

Premium Wax Resin

Great print performance with very good durability

High Performance Wax Resin

Great print performance with excellent scratch resistance

Premium Resin

Extra scratch resistance on synthetic labels

*The above grades are for use with flat head technology printers. We also offer grades for near edge technology printers and thermal transfer coders. We offer further specialist resin ribbon formulations for textile printing with wash resistance, resistance to high heat, chemicals and solvents. Please consult our made to measure range for more information.

RIBBON SPECIFICATIONS

DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester
TOTAL RIBBON THICKNESS	8 Microns $\pm$ 0.3
INK TYPE	Resin Enhanced Wax (flat head technology)
COLOUR	Black
INK MELTING POINT	77 $\pm$ 3 °C
DENSITY	2.1

Need a ribbon manufactured to your own width & length. Ask about our **Made to Measure** range!

RIBBON STORAGE CONDITIONS

DESCRIPTION	TECHNICAL
TEMPERATURE	5°C - 35°C (41F - 95F)
HUMIDITY	20% - 80% 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 standards
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 only be regarded as a guide to material properties and not a guarantee.