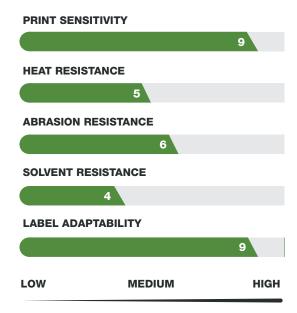# GPX10

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 12 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. This wax also has the additional advantage of being ISEGA approved for use when the printed image comes into contact with non-fatty foodstuffs. 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

LOW   MEDIUM   HIGH

TYPICAL APPLICATIONS

- PHARMACY
- SHELVING
- LOGISTICS
- RETAIL
- GENERAL
- INVENTORY
- PRODUCT ID
- RFID
- HORTICULTURE
- NUMBER PLATES
- SHIPPING
- SIGNAGE

GPX10

HIGH PERFORMANCE FLAT HEAD WAX

PERFORMANCE CHARACTERISTICS

- Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films
- Prints at high speeds (12 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
- Easy to use slot-in replacement for other wax grades
- Printed image on paper substrate can withstand freezing temperatures of up to -26°C

Flat Head Technology Grades*

Grade	Description
EWX10	**Premium Wax** Best choice for general purpose labelling
GPX10	**High Performance Wax** General purpose labelling with extra durability
PDX25	**Premium Wax Resin** Great print performance with very good durability
PDX80	**High Performance Wax Resin** Great print performance with excellent scratch resistance
SRX10	**Premium Resin** Extra scratch resistance on synthetic labels
SDX80	**Premium Textile Resin** 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	7.4 Microns +/_ 0.02
INK TYPE	Resin Enhanced Wax (flat head technology)
COLOUR	Black
INK MELTING POINT	68ºC
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.

ISEGA · FDA · REACH COMPLIANT · ROHS COMPLIANT · HALOGEN FREE · QA ISO 9001 / ISO 14001 / ISO 18001

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