

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 dry, moist and 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

HEAT RESISTANCE

ABRASION RESISTANCE

SOLVENT RESISTANCE

4

LABEL ADAPTABILITY

LOW

MEDIUM

HIGH

TYPICAL APPLICATIONS



PHARMACY



SHELVING



LOGISTICS



RETAIL



GENERAL











HORTICULTURE



NUMBER **PLATES**



SHIPPING



SIGNAGE











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*

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
SDYAG	Premium Textile Resin

*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.

Excellent print on textiles with wash resistance

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	68°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.

















UK Office

Thermal Transfer Solutions Ltd

Unit 27, Eagle Road Manorside Industrial Estate Redditch, Worcestershire, B98 9HE



Dutch Office
Thermal Transfer Solutions BV

De Factorij 4 1689 AL Zwaag The Netherlands



und Barcodesysteme

Dieses Datenblatt wurde Ihnen übergeben durch:

JS Etiketten und Barcodesysteme

Inhaber: Stefan Jaschke Kirchweg 4a D-64390 Erzhausen

T: +49 (0)6150 - 54 21 886 F: +49 (0)6150 - 54 21 887 E: info@js-etiketten.de

www.thermaltransfersolutions.com www.thermotransferfolien.shop | www.farbband-discount.de