

TDW108

PREMIUM FLAT HEAD WAX

ADVANTAGE
range

Barcoding the world!

PRODUCT DESCRIPTION

This grade is a premium wax ribbon, designed to give outstanding print performance on plain and coated papers. This wax is recommended for applications where price is the main factor. It offers a black, crisp and bold print making it an ideal product for standard printing applications that require a low level of durability to the printed image. The low level of printhead energy required to transfer the ink makes this wax a drop-in replacement product for other waxes available in the market and will offer a good performance on all types of flat head technology printers. With print performance at speeds of up to 8" per second, at low printhead energy, this wax maintains excellent quality on low cost substrates. 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.

RECOMMENDED SUBSTRATES

Vellum, uncoated, matt coated, semi-gloss, tag board

PERFORMANCE PROPERTIES

PRINT SENSITIVITY

9

HEAT RESISTANCE

4

ABRASION RESISTANCE

4

SOLVENT RESISTANCE

3

LABEL ADAPTABILITY

7

COMPLIANCE CERTIFICATIONS



REACH



RoHS2.0



ISEGA



ISO



MSDS

TYPICAL APPLICATIONS



LOGISTICS



RETAIL



GENERAL



INVENTORY



PRODUCT ID



SHIPPING



NUMBER
PLATES



TDW108

PREMIUM FLAT HEAD WAX

- Ideal for coated and uncoated papers
- Excellent print quality at high speed (up to 8"/second)
- Excellent print definition for clean, durable, dense barcodes
- Drop-in product to competitors wax ribbons
- Very low printhead energy requirements
- ISEGA certification
- Available from stock for all popular printers
- Very competitively priced

**HALOGEN
FREE** ✓

FLAT HEAD TECHNOLOGY GRADES

TDW108

Premium Wax

Best choice for general purpose labelling

TDW136

High Performance Wax

General purpose labelling with extra durability

TDM200

Premium Wax Resin

Great print performance with very good durability

TDM242

High Performance Wax Resin

Great print performance with excellent scratch resistance

TDR345

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	9.2 Microns $\pm$ 0.3
INK TYPE	Wax; flat head technology
COLOUR	Black
INK MELTING POINT	65 $\pm$ 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.

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