TDM200

TDM200

PREMIUM FLAT HEAD WAX RESIN

ADVANTAGE range

Barcoding the world!

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

COMPLIANCE CERTIFICATIONS

REACH · RoHS2.0 · ISEGA · ISO · MSDS

TYPICAL APPLICATIONS

PHARMACY · SHELVING · LOGISTICS · RETAIL

GENERAL · INVENTORY · PRODUCT ID · RFID

HORTICULTURE · NUMBER PLATES · SHIPPING · SIGNAGE









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PREMIUM FLAT HEAD WAX RESIN

- 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 (8 IPS)
- Dissipates static
- Good smudge and scratch resistance
- Features enhanced printer performance
- Print on paper substrate withstands freezing temperatures up to -26°C

HALOGEN FREE

FLAT HEAD TECHNOLOGY GRADES*

TDW100	**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	8.4 Microns ± 0.3
INK TYPE	Wax/Resin (flat head technology)
COLOUR	Black
INK MELTING POINT	73 ± 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 grade and should only be regarded as a guide to material properties and not a guarantee.

Todaytec Group Europe

CALOR REGMA TTS Thermal Transfer Solutions

European Coating & Converting Operations

TTS UK: Unit 27 Eagle Road, Manorside Industrial Estate, Redditch. Tel; +44 (0)1527 517577 Email; sales@tts.eu.com

TTS BV: De Factorij 4, 1689 AL Zwaag, The Netherlands Tel; +31 (0)229 859831 Email; eusales@tts.eu.com

CALOR Germany: Arnold-Sommerfeld-Ring 13, 52499 Baesweiler, Tel; +49 (0)2401 9179 0 | Email; info@calor.de

REGMA France: 6 Rue Verdier Monetti, 76880 Arques la Bataille, Tel; +33 (0)235048665 Email; info@regmatt.com

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