TDM242

TDM242

HIGH PERFORMANCE FLAT HEAD WAX RESIN

ADVANTAGE range

Barcoding the world!

PRODUCT DESCRIPTION

This grade is one of the best performing flat head technology wax resin grades on the market and offers an excellent all round high performance 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 synthetic materials and coated papers, this grade offers the highest level of durability and performance from a flat head technology wax resin grade. This grade has been developed to print at low energy levels allowing for higher print speeds. It has also been used very successfully as a replacement grade for the world's leading wax resin grade, Ricoh B110A.

PERFORMANCE PROPERTIES

PRINT SENSITIVITY 9

HEAT RESISTANCE 8

ABRASION RESISTANCE 9

SOLVENT RESISTANCE 6

LABEL ADAPTABILITY 9

RECOMMENDED SUBSTRATES

Coated/uncoated paper & tag stocks, synthetic paper, polyethylene, polypropylene, polyolefin, gloss paper, flood-coated paper, UV varnished labels

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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- High levels of print durability
- Prints on a wide range of substrates from uncoated paper to mid-range synthetic film
- Dark, dense images for reliable printing
- Prints at high speed with crisp, rotated barcodes
- Dissipates static
- Heat resistant up to 120˚C on certain materials
- Features enhanced printer performance
- Meets BS5609 standard on some label material
- Excellent replacement grade for Ricoh B110A

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	8.2 Microns ± 0.3
INK TYPE	Wax/Resin (flat head technology)
COLOUR	Black
INK MELTING POINT	80 ± 3 ºC
DENSITY	2.1

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 and should only be regarded as a general guide to material properties and not a guarantee.

Todaytec Group Europe

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