

TDM665

PREMIUM NEAR EDGE WAX RESIN

ADVANTAGE
range

Barcoding the world!

PRODUCT DESCRIPTION

This premium wax resin grade is an all-round high performance wax resin that has a slightly lower content of resin. This allows for a better print performance on vellum, uncoated papers, coated and uncoated card tags, synthetic films, medical paper & Tyvek although there is a slight loss of durability when printed onto synthetics films. It is ideally suited for tray end card applications using Toshiba near edge printers found within the fresh produce packing industry. It offers bold, black prints at speeds of up to 16 inches per second and has been proven as a drop-in replacement for the branded products supplied by OEMs such as Toshiba TEC, Avery, Markem, Videojet & ICE. ISEGA approval also makes this grade the ideal choice for printers used in food packaging applications.

RECOMMENDED SUBSTRATES

All types of coated / uncoated paper and card tag materials, tray end cards, synthetic paper, polyethylene, polypropylene, tyvek, medical paper

PERFORMANCE PROPERTIES

PRINT SENSITIVITY

9

HEAT RESISTANCE

6

ABRASION RESISTANCE

6

SOLVENT RESISTANCE

4

LABEL ADAPTABILITY

8

COMPLIANCE CERTIFICATIONS



REACH



RoHS2.0



ISO



MSDS

TYPICAL APPLICATIONS



PHARMACY



SHELVING



LOGISTICS



RETAIL



GENERAL



INVENTORY



PRODUCT ID



SHIPPING



HORTICULTURE



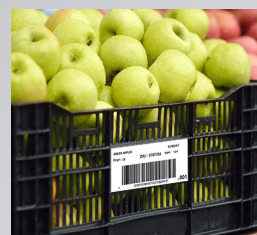
FRESH PRODUCE



HEALTHCARE



ASSET TRACKING



TDM665

PREMIUM NEAR EDGE WAX RESIN

- Prints black dense barcodes on tray end card materials
- ISEGA approval
- High performance backcoat for better printhead protection
- Exceptionally black images even on rough substrates
- Excellent print quality at speeds of up to 14"/second
- Excellent print definition for clean, durable, dense barcodes
- Drop-in replacement for Toshiba TEC and Avery printers

Near Edge Technology Grades*

TDM680

High Performance Wax Resin

Very versatile for all types of labels and packaging films

TDM680X

High Performance Wax Resin

Coated on 4.0-micron film for longer length ribbons

TDM665

Standard Wax Resin

Ideal for most paper and synthetic labels

TDR540

Specialty Resin

Extra durability to heat and abrasion with high print speeds

*The above grades are for use with near edge technology printers. We also offer grades for flat head technology printers and thermal transfer coders.

RIBBON SPECIFICATIONS

DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester
TOTAL RIBBON THICKNESS	6.3 Microns $\pm$ 0.3
INK TYPE	Wax/Resin (near edge technology)
COLOUR	Black
INK MELTING POINT	78 $\pm$ 3 °C
DENSITY	1.75

RIBBON STORAGE CONDITIONS

DESCRIPTION	TECHNICAL
TEMPERATURE	5°C to 35°C (41F to 95F)
HUMIDITY	20% to 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 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 and results should only be regarded as a guide to material properties and not a guarantee.

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