# TDR540

## SPECIALTY NEAR EDGE RESIN

ADVANTAGE range

Barcoding the world!

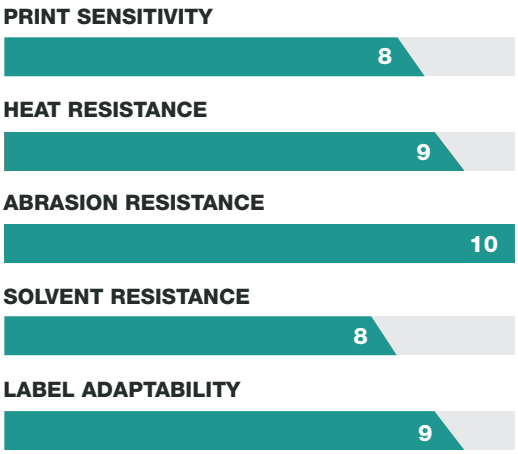
## PRODUCT DESCRIPTION

A highly flexible near edge resin grade that is designed for use on all industrial near edge printers and in-line TTO coders. This grade is capable of printing dark, dense, black images at high speeds of up to 12 inches per second, making it the preferred choice for high-speed flexible packaging applications demanding more durability than wax resin grades. It prints very well on all types of flexible packaging films and also offers great print performance on uncoated papers and medical papers with great durability. In addition to its high performance, this grade outperforms the competition in abrasion resistance and is the solution to applications such as parts packaging, medical devices, cosmetics, healthcare and pharmaceuticals where that extra print durability is required. It is designed with a unique anti-static and backcoat system to protect printheads and extend printhead life and has great ink definition that produces dark, dense images for improved scan rates.

## RECOMMENDED SUBSTRATES

Medical paper, coated and uncoated papers, polypropylene, polyethylene, polyolefin, nylon, and polyester films

## PERFORMANCE PROPERTIES




## COMPLIANCE CERTIFICATIONS

REACH · RoHS2.0 · ISEGA · ISO · MSDS

## TYPICAL APPLICATIONS

PHARMACY · SHELVING · LOGISTICS · RETAIL

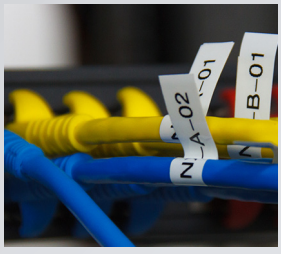
GENERAL · INVENTORY · PRODUCT ID · HEALTHCARE

HORTICULTURE · FLEXIBLE PACKAGING · SHIPPING · ASSET TRACKING









SPECIALTY NEAR EDGE RESIN

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## SPECIALTY NEAR EDGE RESIN

- Suitable for high speed in-line packaging printing
- Durability in chemical printing and industrial applications
- Excellent scratch and smear resistance
- Resistant to boiling & alcohol
- Flexible grade for industrial printing and inline TTO applications

### NEAR EDGE TECHNOLOGY GRADES*

| | |
|---|---|
| TDM680 | **High Performance Wax Resin**<br>Very versatile for all types of labels and packaging films |
| TDM680X | **High Performance Wax Resin**<br>Coated on 4.0-micron film for longer length ribbons |
| TDM665 | **Standard Wax Resin**<br>Ideal for most paper and synthetic labels |
| TDR540 | **Specialty Resin**<br>Extra durability to heat and abrasion with high print speeds |

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

### RIBBON SPECIFICATIONS

| DESCRIPTION | TECHNICAL |
|---|---|
| BASE FILM CARRIER | 4.5 Micron Polyester |
| TOTAL RIBBON THICKNESS | 6.7 Microns +/_ 0.02 |
| INK TYPE | Resin (near edge technology) |
| COLOUR | Black |
| INK MELTING POINT | 105°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.

Todaytec Group Europe

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