

## General Wax/Resin Ribbon

# TDM242

BARCODING THE WORLD

As a cost-effective general wax-resin ribbon, TDM242 can print well on various substrates at low printing temperature. Besides its excellent scratch resistance and high blackness, its small characters and fine lines printings are also impressive.

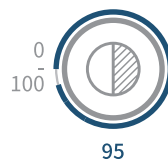
- Excellent Scratch Resistance
- High Definition
- Superior Substrate Compatibility

## Printing Quality

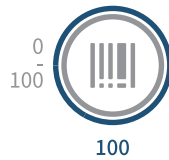
### Darkness



### Sharpness



### 0° barcode



### 90° barcode



### Min. printable character

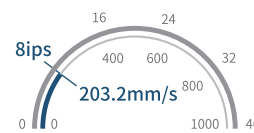


### Graphics



## Sensitivity

### Printing speed



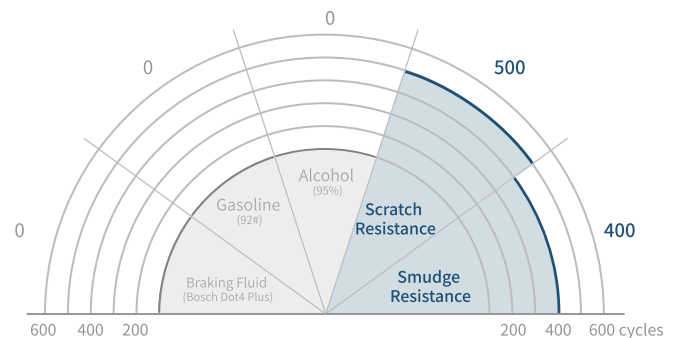
### Printing temperature



## Resistance Test

### Physical resistance

Slight exposure begins after approx. **X** cycles with a **680G** weight load.



## Substrate Compatibility

L3- < L2- < L1-

Uncoated paper Writing Paper, Vellum ...			
Coated paper Art Paper, Art Printing Paper, High Gloss Paper			
Synthetic paper Synthetic Paper ...			
Film label PP/PET/PE/BOPP/PVC ...			
	TDM200	TDM242	TDM238

### Water resistance test

The printed label was soaked in water at **100°C** for **2 hours** and then check whether the imprint of the label was significantly faded.



No significantly faded

### Low-temperature test

The printed label was placed in a closed cold box at **-17°C** for **20 hours** and then check whether the imprint of the label was significantly fallen off.



No significantly fallen off

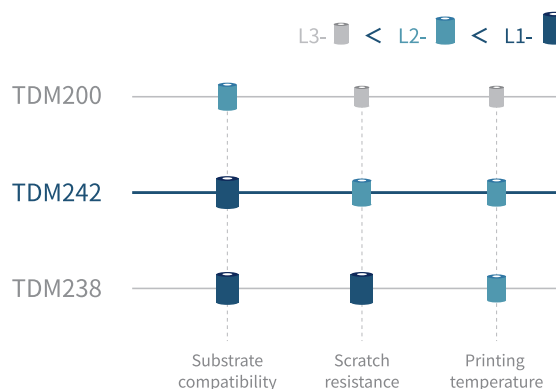
## Recommended Applications



## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 8.2±0.3μm
Ink	
Color: black    Melting point: 80±3°C	
Storage condition	
Temperature: 5~35°C    Humidity: 20~80% Validity period: 12 months	

## Product Comparison



## Certifications and Permits



## Compatible With

- Zebra
- Datamax
- Intermec
- SATO
- other flat-head printings
- Honeywell
- Avery
- TSC
- Printronix

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All product specifications can be found at our website [www.todaytec.com/en/](http://www.todaytec.com/en/)

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