

## Economical Wax/Resin Ribbon

# TDM200 Color

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TDM200(Color), as an economical wax-resin ribbon, has been widely used for its enhanced scratch resistance and superior printing quality on a variety of substrates. Its low printing energy consumption can protect the printer's print heads and effectively extend the service life of the print heads.

Enhanced Detail

Enhanced Scratch Resistance

High Sensitivity

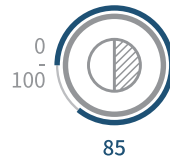
## Printing Quality

### Colors

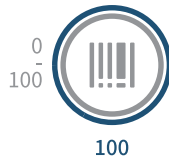
- red
- green
- blue



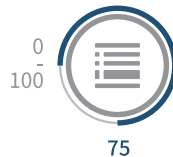
### Sharpness



### 0° barcode



### 90° barcode



### Min. printable character

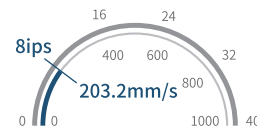


### Graphics

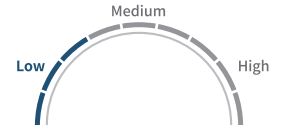


## Sensitivity

### Printing speed



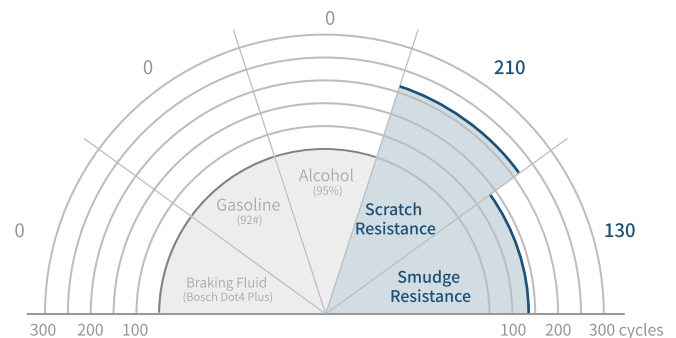
### Printing temperature



## 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 ...	L3-	L2-	L1-
Coated paper Art Paper, Art Printing Paper, High Gloss Paper	L3-	L2-	L1-
Synthetic paper Synthetic Paper ...	L3-	L2-	L1-
Film label PP/PET/PE/BOPP/PVC ...	L3-	L2-	L1-
	TDM200	TDM202	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

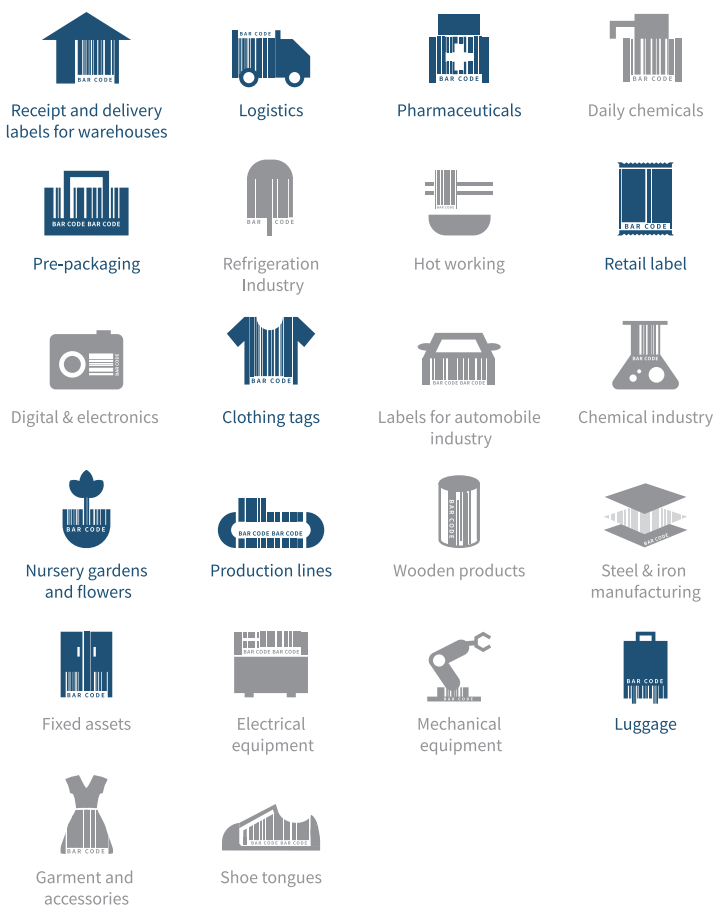
### Low-temperature test

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

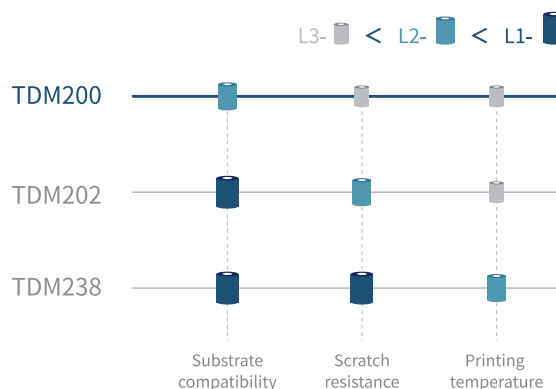
## Recommended Applications



## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 8.4±0.3μm
Ink	
Color: red/green/blue    Melting point: 73±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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