

Economical Wax/Resin Ribbon

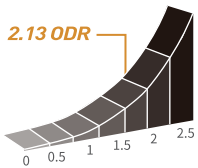
# TDM200

Enhanced Detail  
Enhanced Scratch Resistance  
High Sensitivity

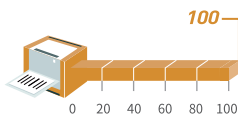
TDM200, as an economical wax-resin ribbon, has been widely used for its enhanced scratch resistance and superior print quality on a variety of substrates. Its low print energy consumption can help protect print heads, effectively extending their service life.

## Printing Quality

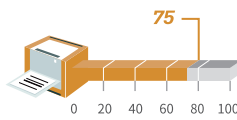
### Darkness



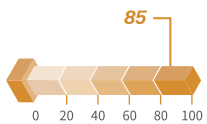
### 0° barcode



### 90° barcode



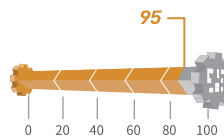
### Sharpness



### Min. printable character



### Graphics



## Substrate Compatibility

### Recommended substrate grades

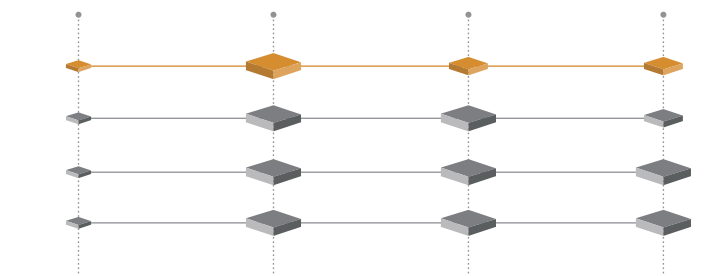
L1 - L2 - L3 -

### TDM200 >

### TDM230 >

### TDM238 >

### TDM240 >



**Uncoated Paper**  
Writing paper, vellum  
...

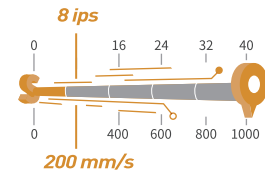
**Coated Paper**  
Art paper, art printing paper, high gloss paper  
...

**Synthetic Paper**  
Synthetic paper

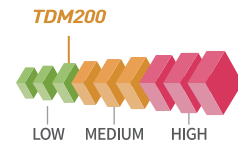
**Film labels**  
PP, PET, PE, BOPP, PVC  
.....

## Sensitivity

### Printing speed



### Printing temperature



## Resistance Test

### Resistance test

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

### Smudge resistance



### Scratch resistance



### Alcohol



### Gasoline

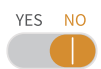


### Braking fluid



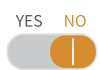
### Water resistance test

With a printed label, soaked in 100°C water for 2 hours, observe its color fading



### Low-temperature test





















With a printed label in a closed chest at -17°C for 20 hours, observe its stripping



## Economical Wax/Resin Ribbon

# TDM200

### Recommended Applications

 Receipt and delivery labels for warehouses	 Logistics	 Pharmaceuticals	 Daily chemicals
 Pre-packaging	 Refrigeration Industry	 Hot working	 Retail labels
 Digital & electronics labels	 Clothing tags	 Labels for automobile industry	 Chemical industry
 Nursery gardens and flowers	 Production lines	 Wooden products	 Steel & iron manufacturing
 Fixed assets	 Electrical equipment	 Mechanical equipment	 Luggage

### Certifications And Permits

 ROHS2.0	 REACH	 ISO9001/14001	 MSDS
 HALOGEN	 ISEGA		

### Properties

#### PET film

Thickness: 4.5µm

#### Ribbon

Thickness: 8.6±0.3µm

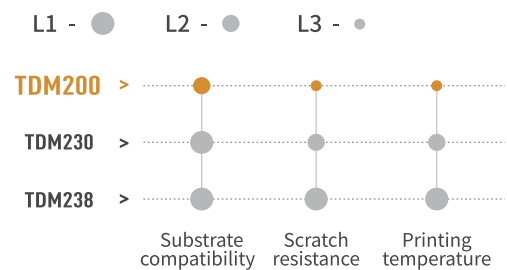
#### Ink

Color: Black/Red/Green/Blue Melting point: 73±3°C

#### Storage condition

Temperature: 5-35°C Humidity: 20-80%  
Validity period: 12 months

### Product Comparison



Todaytec

All product specifications are accessible at our website [www.todaytec.com.cn](http://www.todaytec.com.cn).

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