

## Premium Enhanced Wax Ribbon

# TDW135

BARCODING THE WORLD

TDW135 is a highly adaptable enhanced wax-based ribbon known for its excellent print quality and density. Its superior media compatibility has earned it wide recognition. Additionally, TDW135 is an eco-friendly product, with mineral oil content meeting European regulatory limits, making it suitable for various packaging applications where mineral oil restrictions apply.



Strong Scratch Resistance



High Sensitivity



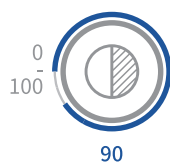
Enhanced Detail

## Printing Quality

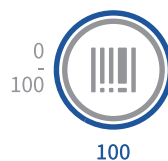
### Darkness



### Sharpness



### 0° barcode



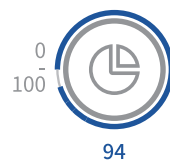
### 90° barcode



### Min. printable character

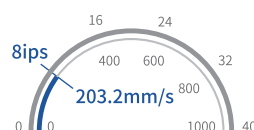


### Graphics

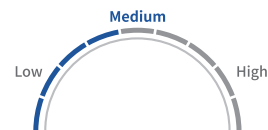


## Sensitivity

### Printing speed



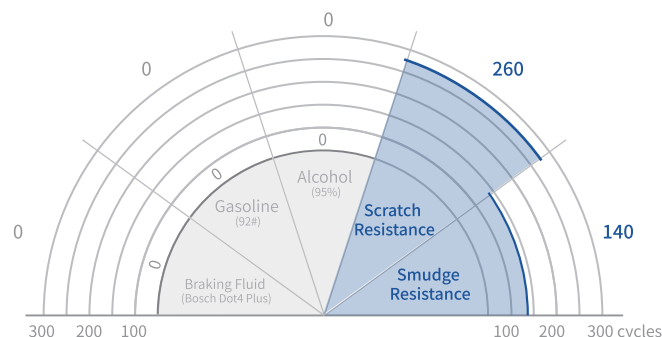
### Printing temperature



## 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 (Low scratch resistance)			
	TDW133	TDW121	TDW135

### 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.

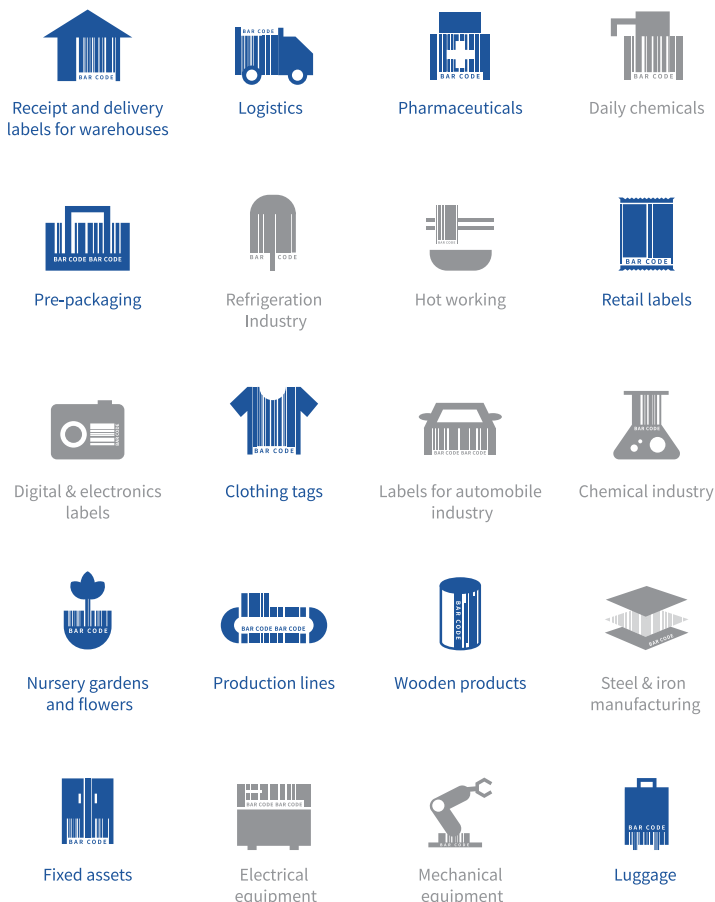


### Low-temperature test

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.



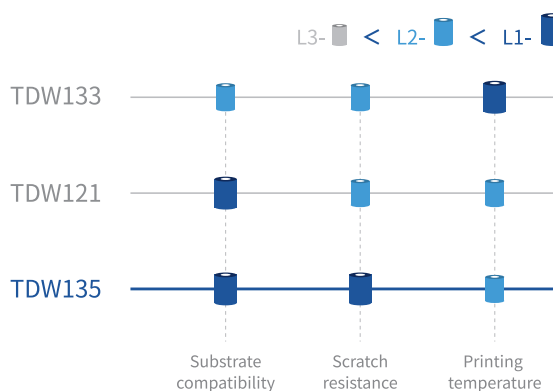
## Recommended Applications



## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 8.0±0.3μm
Ink	
Color: black    Melting point: 77±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
- Honeywell
- Avery
- TSC
- Printronix
- other flat-head printings

Premium Enhanced Wax Ribbon

# TDW135

BARCODING THE WORLD



Hangzhou Todaytec Digital Co., Ltd.

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

Marketing Department: +86 571-8577-1623

[marketing@todaytec.com.cn](mailto:marketing@todaytec.com.cn)

Add: 600 KangXin Rd, LinPing District, Hangzhou, Zhejiang Province, China