

## Economical Enhanced Wax Ribbon

# TDW133

BARCODING THE WORLD

TDW133, as a cost-effective enhanced wax ribbon, is favored by customers for its superior printing quality and strong scratch resistance. Its special designed silicon-based backcoating can protect the printer's print heads and effectively extend the service life of the print heads.



Superior Scratch Resistance



High Cost Performance



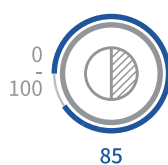
Enhanced Detail

## Printing Quality

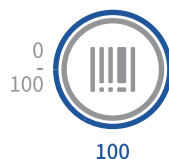
### Darkness



### Sharpness



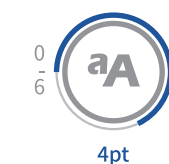
### 0° barcode



### 90° barcode



### Min. printable character

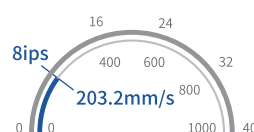


### Graphics



## Sensitivity

### Printing speed



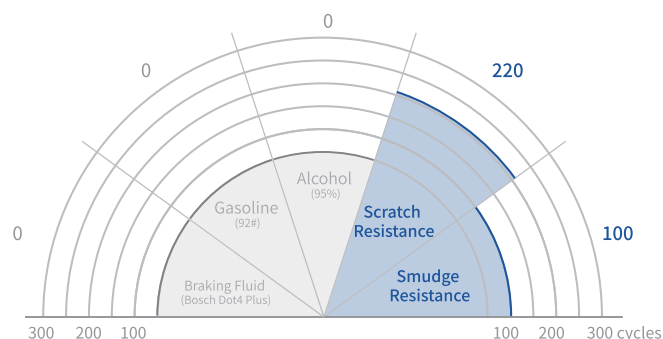
### Printing temperature



## 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)			
	TDW108	TDW108G	TDW133

### 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



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

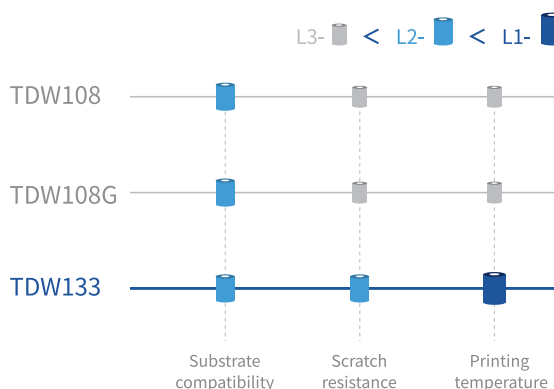


Luggage

## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 8.2±0.3μm
Ink	
Color: black Melting point: 73±3°C	
Storage condition	
Temperature: 5~35°C Humidity: 20~80% Validity period: 12 months	

## Product Comparison



## Certifications and Permits



ROHS2.0



REACH



ISO9001/14001



MSDS

**ISEGA**

ISEGA

**HALOGEN**

HALOGEN

## 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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