

## Standard Wax Ribbon

# TDW108

BARCODING THE WORLD

TDW108, as a standard wax ribbon, has been recognized by global customers for more than ten years for its good printing performance, wide range of substrate compatibility and competitive price. Low printing energy consumption and improved backcoating greatly protect the printer's print heads and effectively extend the service life of the print heads.

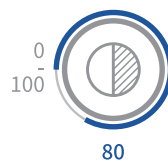
- Excellent Darkness
- Broad Substrate Compatibility
- Low-temperature Printing

## Printing Quality

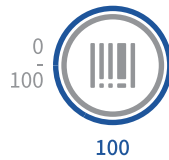
### Darkness



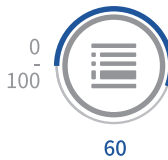
### Sharpness



### 0° barcode



### 90° barcode



### Min. printable character

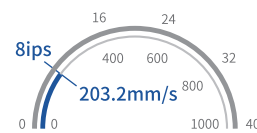


### Graphics

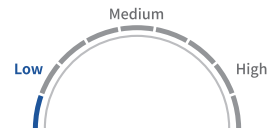


## Sensitivity

### Printing speed



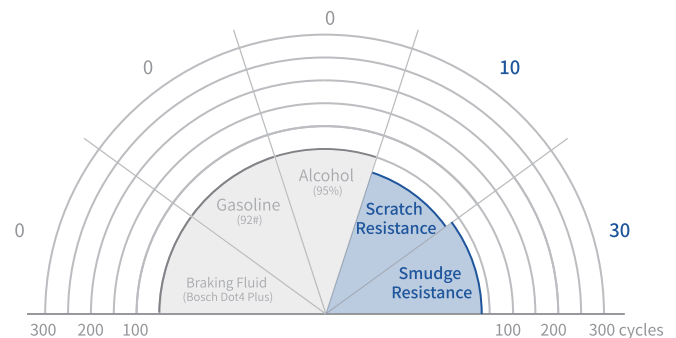
### Printing temperature



## 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

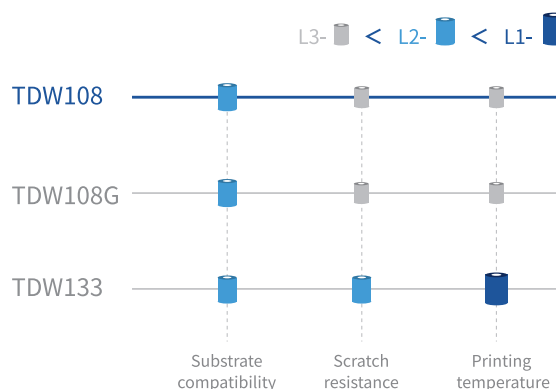


Luggage

## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 9.2±0.3μm
Ink	
Color: black Melting point: 65±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



HALOGEN

## Compatible With

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

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