

## Standard Wax Ribbon

# TDW101

BARCODING THE WORLD

TDW101, 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.

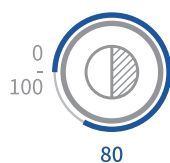
- Excellent Darkness
- Broad Substrate Compatibility
- Low-temperature Printing

## Printing Quality

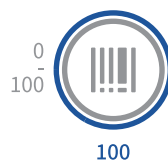
### Darkness



### Sharpness



### 0° barcode



### 90° barcode



### Min. printable character

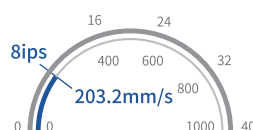


### Graphics

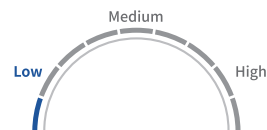


## Sensitivity

### Printing speed



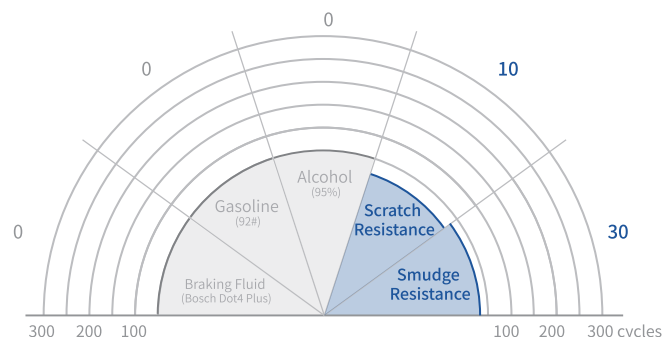
### Printing temperature



## 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)			
	TDW101	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.

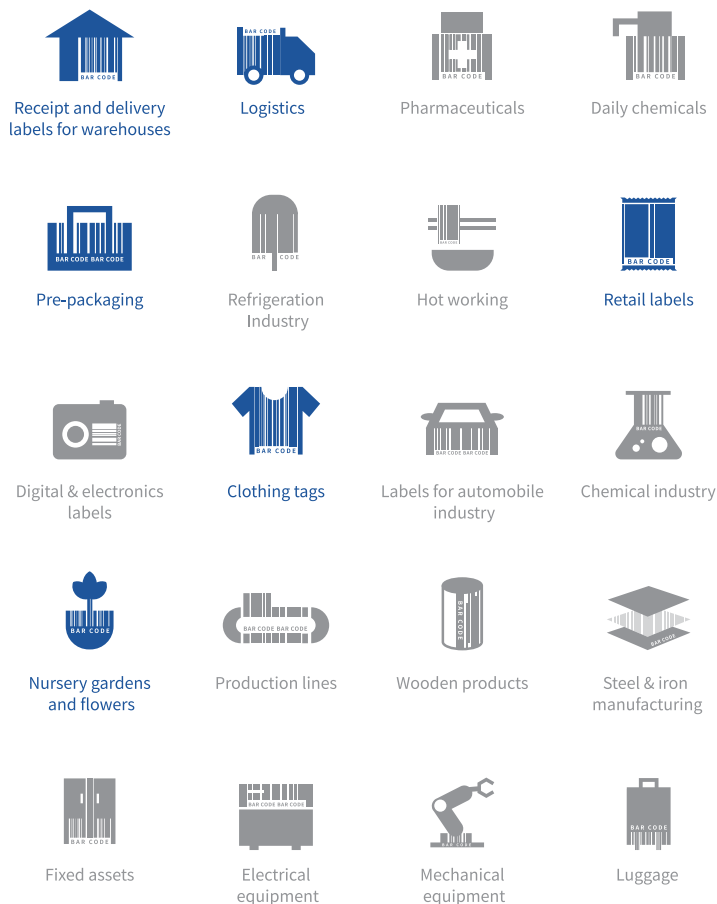


### Low-temperature test

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.



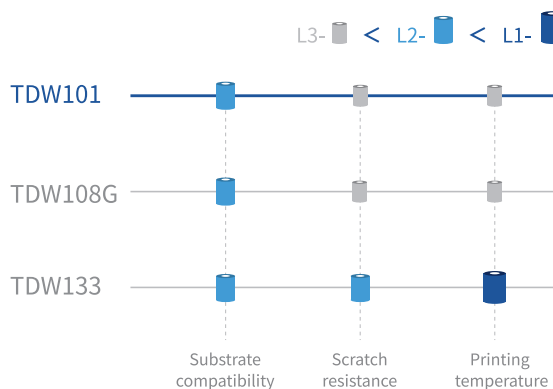
## Recommended Applications



## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 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



Standard Wax Ribbon  
**TDW101**

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