

Premium Enhanced Wax Ribbon

TDW136

BARCODING THE WORLD

TDW136 is an enhanced wax ribbon with strong scratch resistance and high sensitivity. Its strong scratch resistance is comparable to common wax-resin ribbon. What's more, its excellent substrate compatibility and printing blackness have won recognition and praises from customers as soon as it went on the market.



Strong Scratch Resistance



High Sensitivity



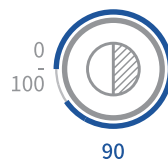
Excellent Substrate Compatibility

Printing Quality

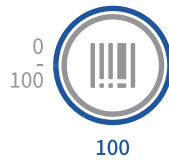
Darkness



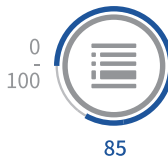
Sharpness



0° barcode



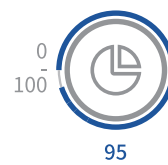
90° barcode



Min. printable character

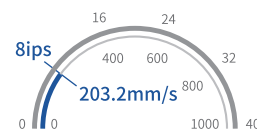


Graphics



Sensitivity

Printing speed



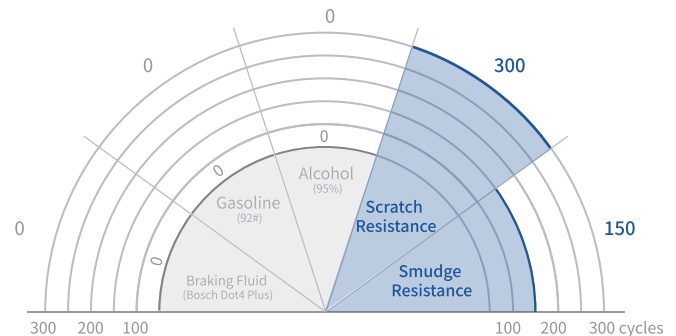
Printing temperature



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	TDW136

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

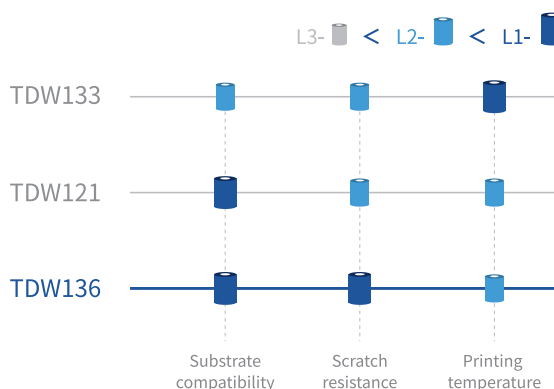


Luggage

Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 8.0±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



ROHS2.0



REACH



ISO9001/14001



MSDS

HALOGEN

HALOGEN

Compatible With

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

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