

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



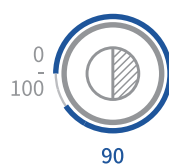
Enhanced Detail

Printing Quality

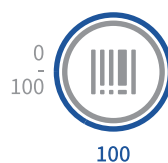
Darkness



Sharpness



0° barcode



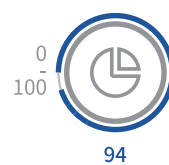
90° barcode



Min. printable character

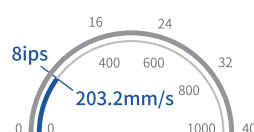


Graphics

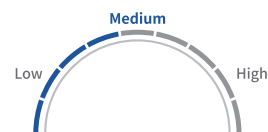


Sensitivity

Printing speed



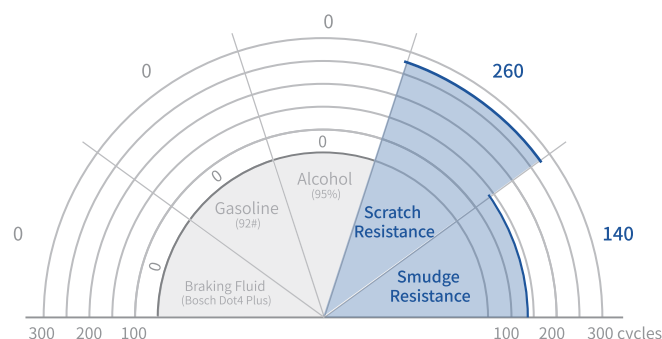
Printing temperature



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.



No significantly faded

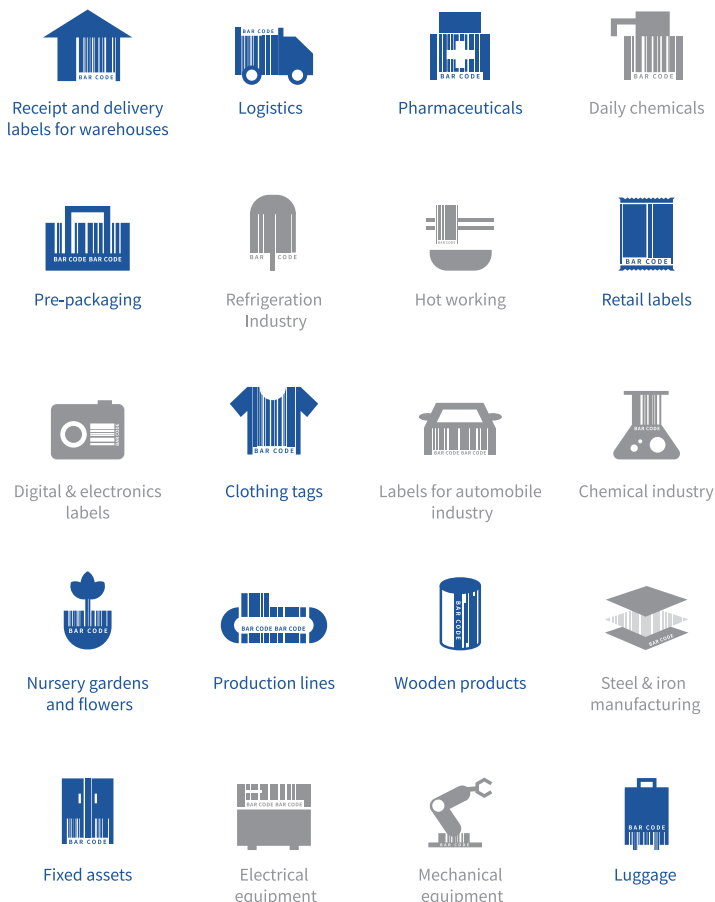
Low-temperature test

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

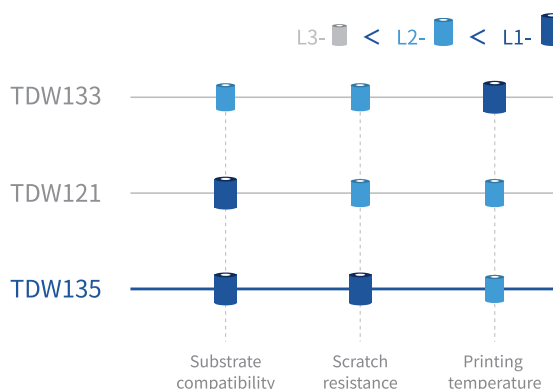
Recommended Applications



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
- other flat-head printings
- Honeywell
- Avery
- TSC
- Printronix

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