

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



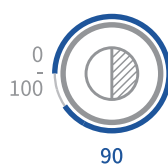
Excellent Substrate Compatibility

Printing Quality

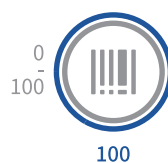
Darkness



Sharpness



0° barcode



90° barcode



Min. printable character

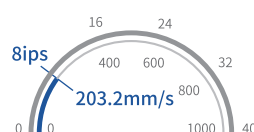


Graphics

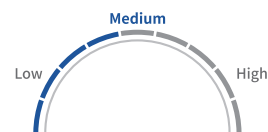


Sensitivity

Printing speed



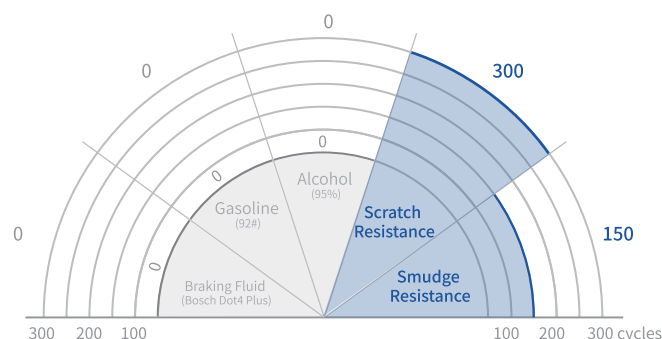
Printing temperature



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

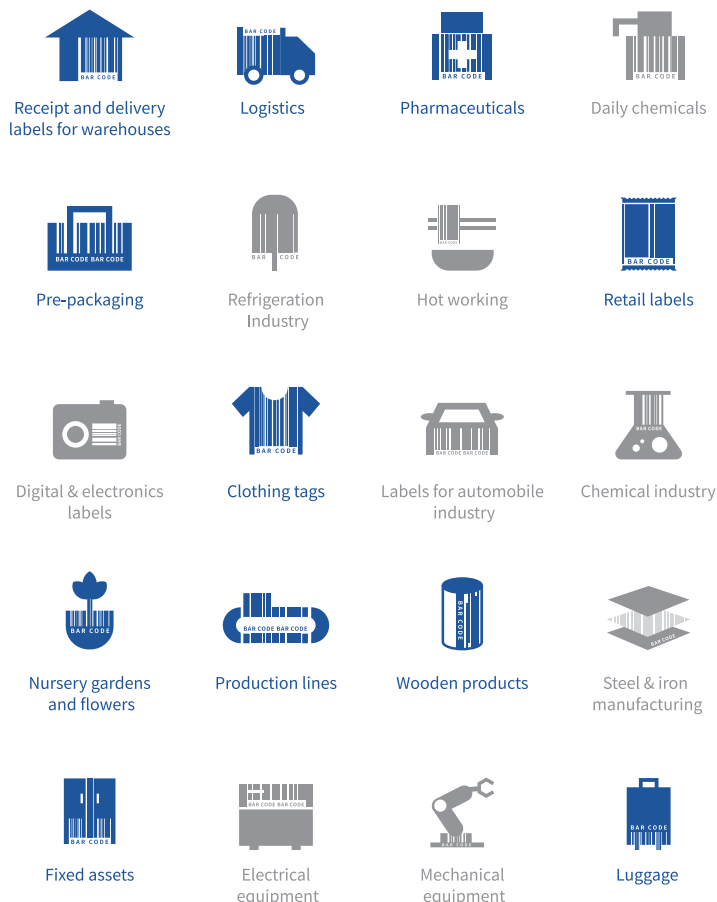
Low-temperature test

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

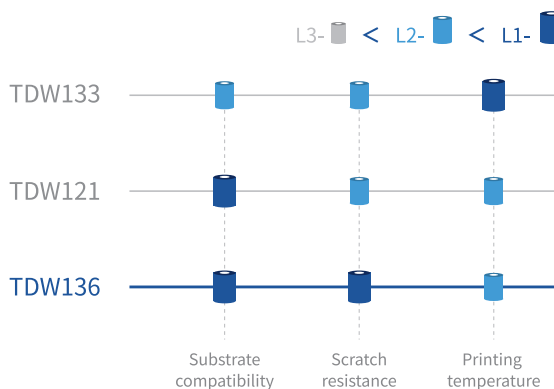
Recommended Applications



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



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