

Premium Enhanced Wax Ribbon

TDW121

BARCODING THE WORLD

TDW121, as a premium enhanced wax ribbon, has excellent scratch resistance, low printing energy consumption and superior print quality. In addition, it meets the rigorous requirements of various customers. It has been widely used and acclaimed by users in various industries across the world.

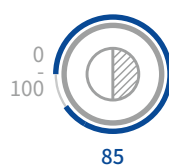
-  Superior Substrate Compatibility
-  Sharp Detail
-  Superior Scratch Resistance

Printing Quality

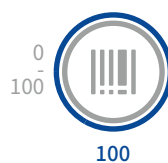
Darkness



Sharpness



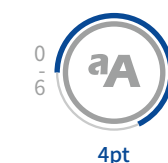
0° barcode



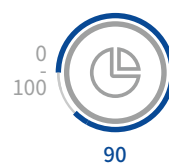
90° barcode



Min. printable character

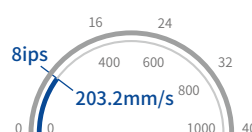


Graphics

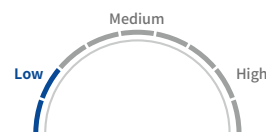


Sensitivity

Printing speed



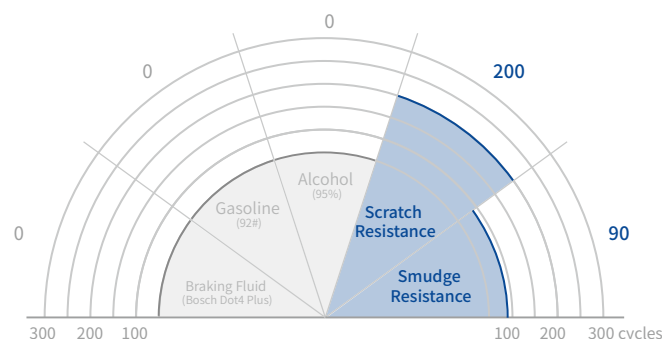
Printing temperature



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.

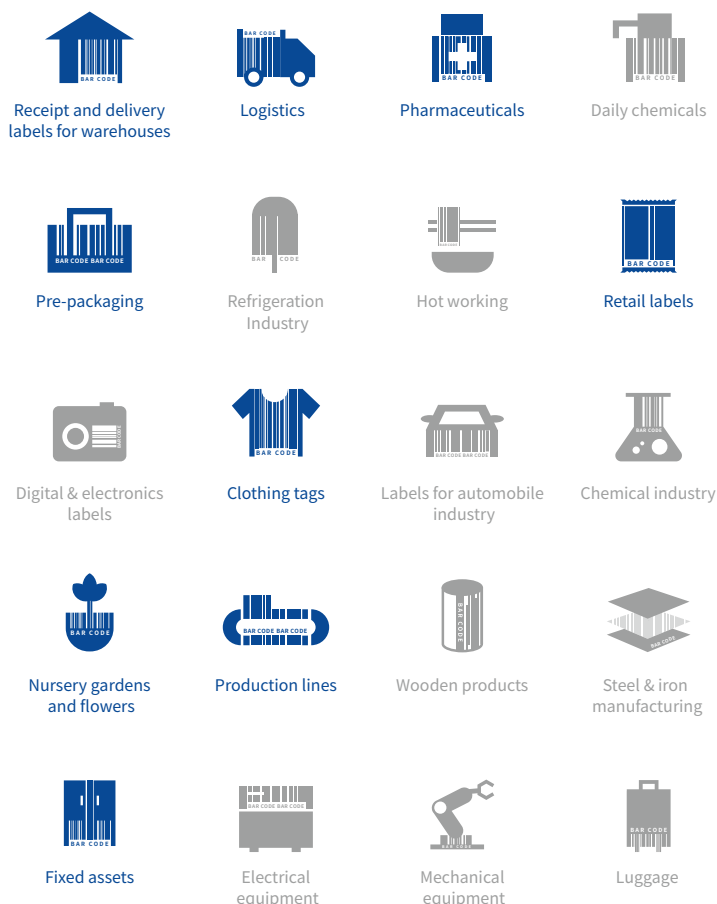


Low-temperature test

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.



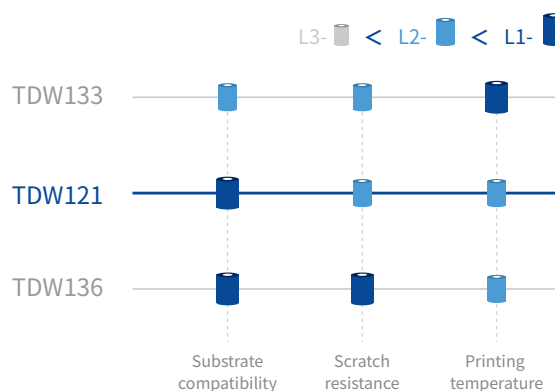
Recommended Applications



Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 8.6±0.3μm
Ink	
Color: black Melting point: 72±3°C	
Storage condition	
Temperature: 5~35°C Humidity: 20~80% Validity period: 12 months	

Product Comparison



Certifications and Permits



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All product specifications can be found at our website www.todaytec.com/en/

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