

Premium Enhanced Wax Ribbon

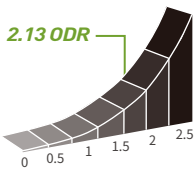
TDW121

Superior Substrate Compatibility
Superior Scratch Resistance
Sharp Detail

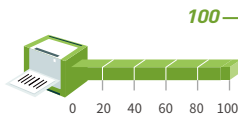
TDW121, as a premium enhanced wax ribbon, offers excellent scratch resistance, low print energy consumption and superior print quality, meeting the rigorous requirements of various customers. It has been used and widely acclaimed by users in various industries across the world.

Printing Quality

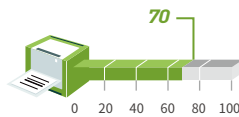
Darkness



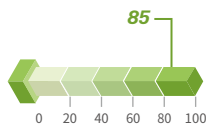
0° barcode



90° barcode



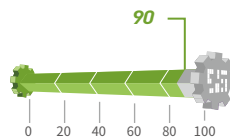
Sharpness



Min. printable character



Graphics



Substrate Compatibility

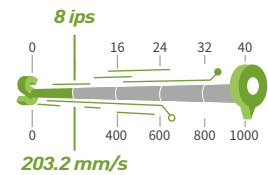
Recommended substrate grades

L1 - L2 - L3 -

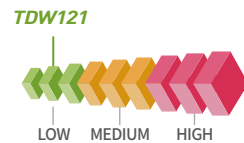
	Uncoated Paper	Coated Paper	Synthetic Paper	Film labels
TDW120 >	Writing paper, vellum ...	Art paper, art printing paper, high gloss paper ...	Synthetic paper	PP, PET, PE, BOPP, PVC ... (Low Smudge & Scratch Resistance)
TDW121 >				
TDW133 >				

Sensitivity

Printing speed



Printing temperature



Resistance Test

Resistance test

Slight exposure begins after approx. X cycles with a 680G weight load

Smudge resistance



Scratch resistance



Alcohol



Gasoline



Braking fluid



Water resistance test

With a printed label, soaked in 100°C water for 2 hours, observe its color fading



Low-temperature test





















With a printed label in a closed chest at -17°C for 20 hours, observe its stripping



Premium Enhanced Wax Ribbon

TDW121

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

Certifications And Permits

 ROHS2.0	 REACH	 ISO9001/14001	 MSDS
 HALOGEN	 ISEGA		

Properties

PET film

Thickness: 4.5μm

Ribbon

Thickness: 8.6±0.3μm

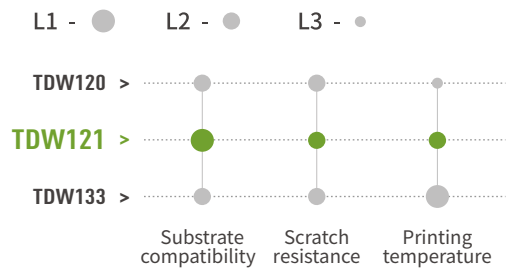
Ink

Color: Black Melting point: 72±3°C

Storage condition

Temperature: 5-35°C Humidity: 20-80%
Validity period: 12 months

Product Comparison



Todaytec

All product specifications are accessible at our website www.todaytec.com.cn/en/

Hangzhou Todaytec Digital Co., Ltd.
Tel: +86 571 8577 1623
Email: Marketing@todaytec.com.cn
Add: 600 KangXin Rd HangZhou Qianjiang Economy Development Zone LinPing
Hangzhou 311106 China