

Standard Wax Ribbon

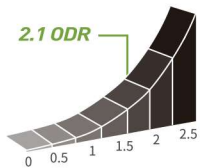
TDW108

Excellent Darkness
Broad Substrate Compatibility
Low-temperature Printing

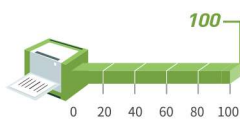
TDW108, as a standard wax ribbon, has been recognized by customers around the globe for more than ten years. It offers resin enhanced image quality, broad substrate compatibility and an affordable price. Its low energy consumption and enhanced backcoating help protect print heads substantially, effectively extending their service life.

Printing Quality

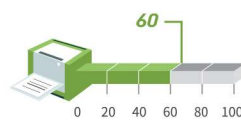
Darkness



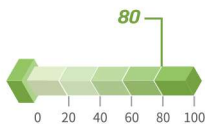
0° barcode



90° barcode



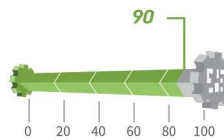
Sharpness



Min. printable character



Graphics



Substrate Compatibility

Recommended substrate grades

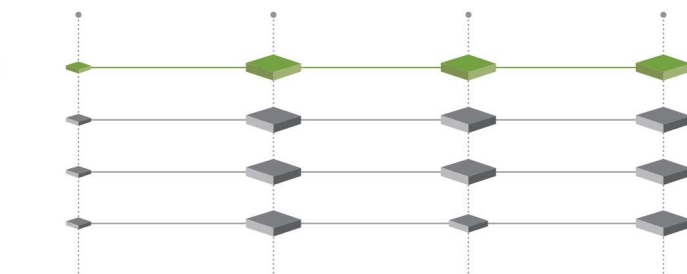
L1 - L2 - L3 -

TDW108 >

TDW120 >

TDW121 >

TDW133 >



Uncoated Paper

Writing paper,
vellum
...

Coated Paper

Art paper,
art printing paper,
high gloss paper
...

Synthetic Paper

Synthetic paper

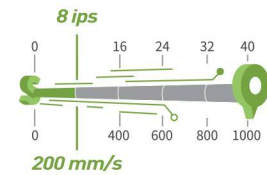
Film labels

PP, PET, PE,
BOPP, PVC
... ..

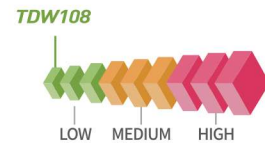
(Low Smudge &
Scratch Resistance)

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



Standard Wax Ribbon

TDW108

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: 9.2±0.3µm

Ink

Color: Black Melting point: 65±3°C

Storage condition

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

Product Comparison

