

Economical Resin Ribbon

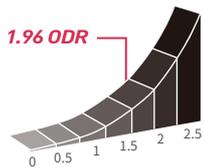
TDR320

Excellent Printing Performance For Coated Paper

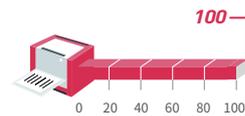
TDR320, as an economical resin ribbon, can meet demanding requirements in various industries for its superb substrate multi-compatibility (allowing complete transfer of coated paper), relatively strong scratch resistance and exceptionally good water and sunlight

Printing Quality

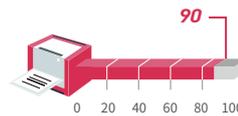
Darkness



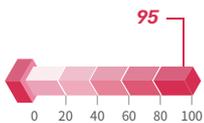
0° barcode



90° barcode



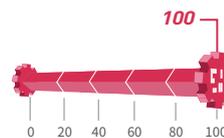
Sharpness



Min. printable character



Graphics



Substrate Compatibility

Recommended substrate grades

L1 - L2 - L3 -

TDR320 >



TDR325 >



TDR340 >



Uncoated Paper

Writing paper,
vellum
...

Coated Paper

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

Synthetic Paper

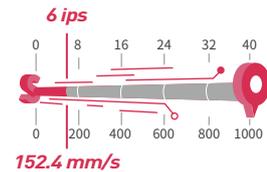
Synthetic paper

Film labels

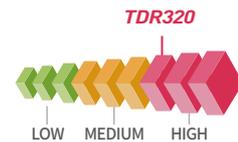
PP, PET, PE,
BOPP, PVC
...

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



95% Industrial alcohol

Gasoline



92 # Gasoline

Braking fluid



Bosch dot4 plus

Water resistance test

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

YES NO

Low-temperature test

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

YES NO

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TDR320

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
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HALOGEN
HALOGEN

Properties

PET film

Thickness: 4.5μm

Ribbon

Thickness: 7.8±0.3μm

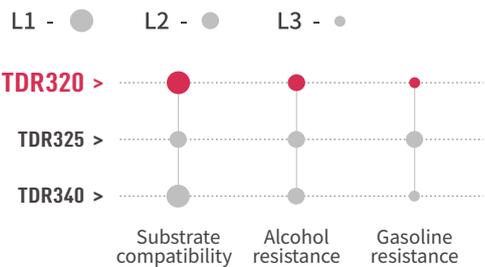
Ink

Color: Black Melting point: 98±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/

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