

## Resin Ribbon for Lamination

# TDR306

BARCODING THE WORLD

TDR306, as a resin ribbon, it is special for film-coated label. It has excellent printing blackness, outstanding scratch resistance. It has excellent printing performance on materials which are difficult to transfer with common ribbons, such as gloss film, pearl film, and film-coated labels. It is mainly used for overprinting and secondary transfer after printing.

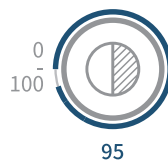
- Special for Film-coated Label
- Excellent Print Performance
- Outstanding Scratch Resistance

### Printing Quality

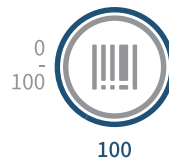
#### Darkness



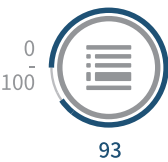
#### Sharpness



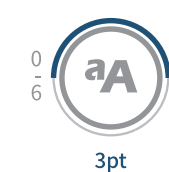
#### 0° barcode



#### 90° barcode



#### Min. printable character

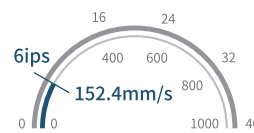


#### Graphics

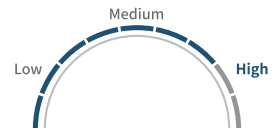


### Sensitivity

#### Printing speed



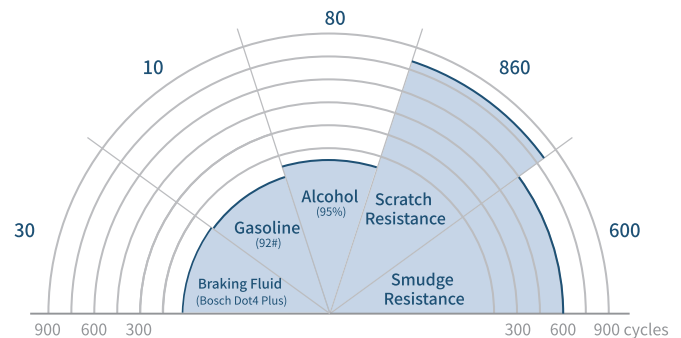
#### Printing temperature



### Resistance Test

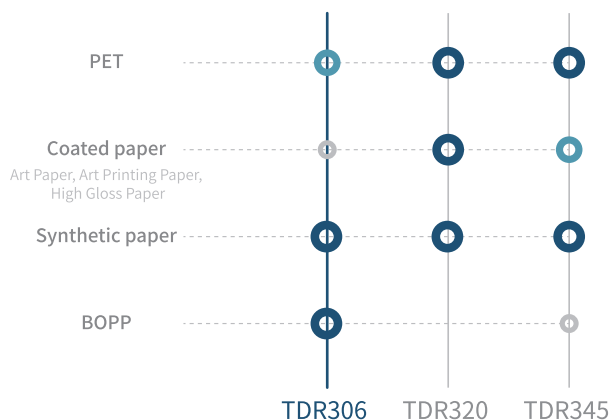
#### Physical resistance

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



### Substrate Compatibility

L3- ☐ < L2- ☒ < L1- ☒



#### 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

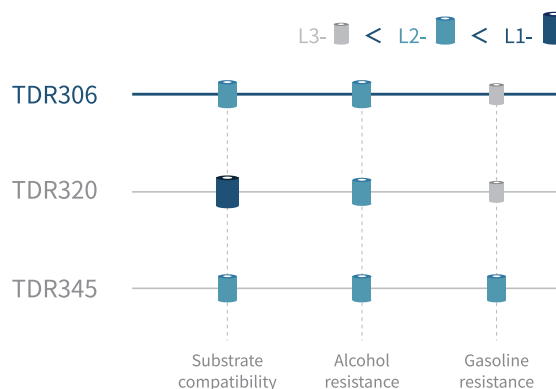
## Recommended Applications



## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 8.0±0.3μm
Ink	
Color: black    Melting point: 88±3°C	
Storage condition	
Temperature: 5~35°C    Humidity: 20~80% Validity period: 12 months	

## Product Comparison



## Certifications and Permits



## Compatible With

- Zebra
- Datamax
- Intermec
- SATO
- other flat-head printings
- Honeywell
- Avery
- TSC
- Printronix

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