

## Economical Resin Ribbon

# TDR320

BARCODING THE WORLD

TDR320, as an economical resin ribbon, can meet demanding requirements in various industries for its superb substrate compatibility (It could be complete transferred on coated paper), relatively strong scratch resistance and exceptionally good water and sunlight resistance.

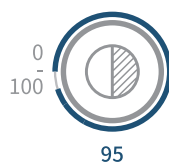
 Excellent Printing Performance For Coated Paper

## Printing Quality

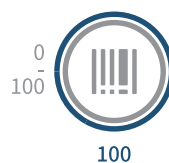
### Darkness



### Sharpness



### 0° barcode



### 90° barcode



### Min. printable character

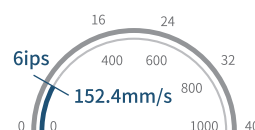


### Graphics

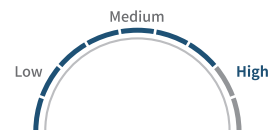


## Sensitivity

### Printing speed



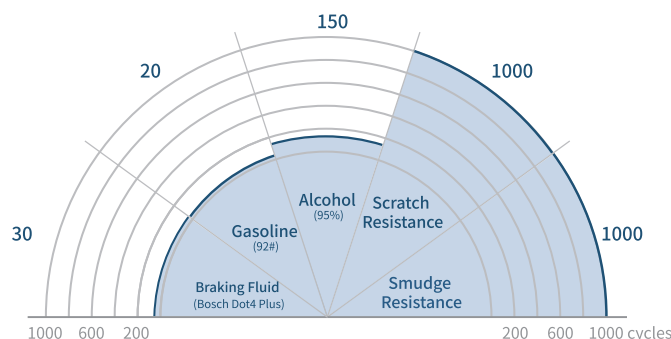
### Printing temperature



## 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 ...			
	TDR330	TDR320	TDR325

### 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.



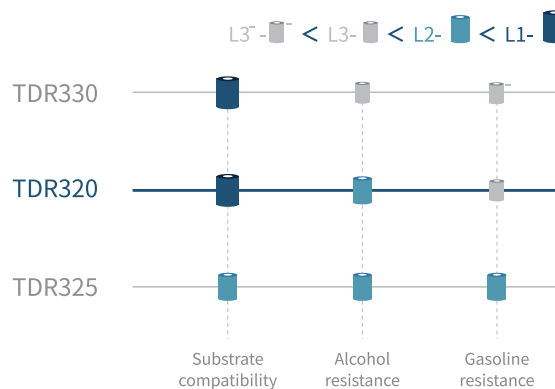
## Recommended Applications



## Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 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



## Certifications and Permits



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