

Economical Resin Ribbon

TDR310

BARCODING THE WORLD

TDR310 is a cost-effective resin ribbon with excellent substrate compatibility, strong scratch resistance, and excellent water and sunlight resistance. It meets the stringent requirements in various industries.

 Excellent Darkness

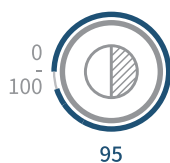
 Superior Scratch & Smudge Resistance

Printing Quality

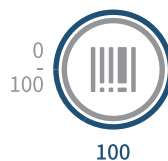
Darkness



Sharpness



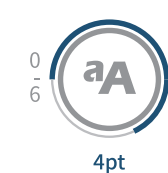
0° barcode



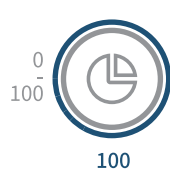
90° barcode



Min. printable character

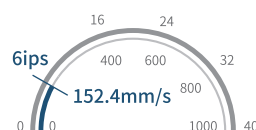


Graphics

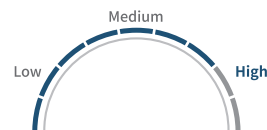


Sensitivity

Printing speed



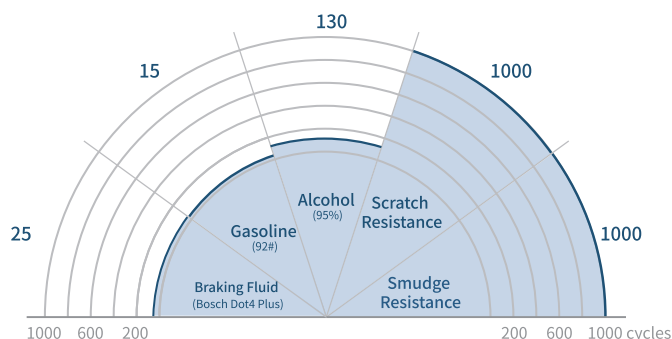
Printing temperature



Resistance Test













Physical resistance

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



Substrate Compatibility

L3-  < L2-  < L1- 

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	TDR310	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.

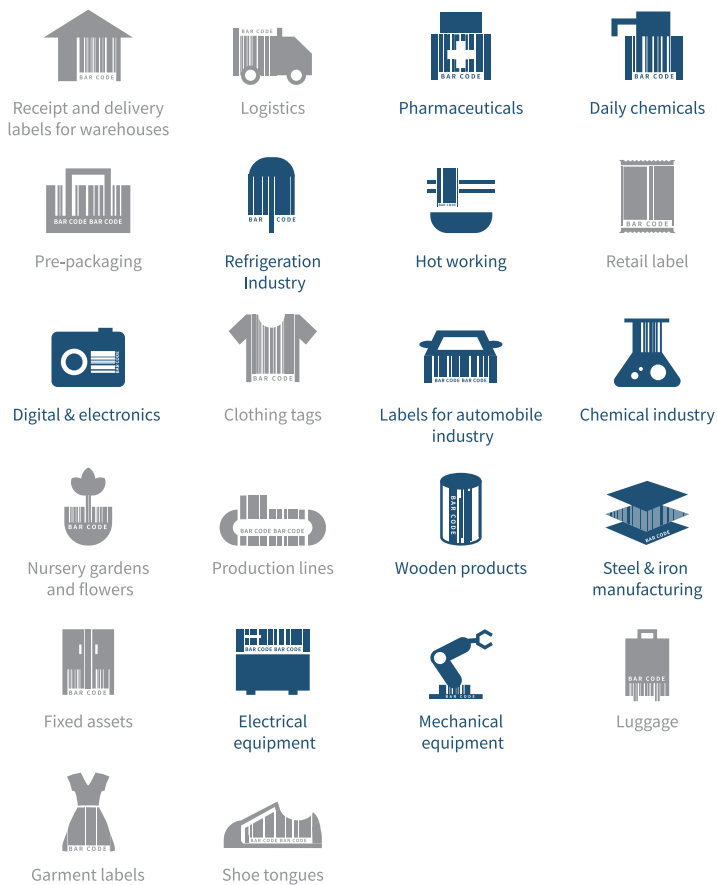


Low-temperature test

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.



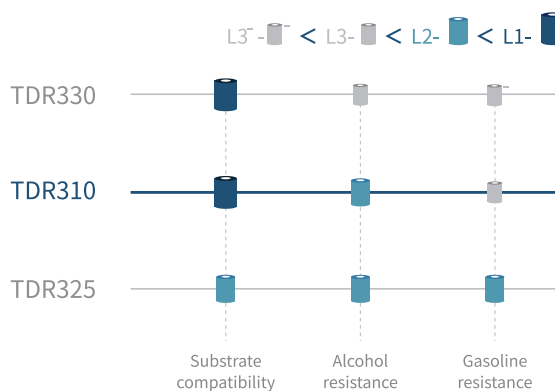
Recommended Applications



Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 7.2±0.3μm
Ink	
Color: black Melting point: 96±3°C	
Storage condition	
Temperature: 5~35°C Humidity: 20~80% Validity period: 12 months	

Product Comparison



Certifications and Permits



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