

TTO Near Edge Resin

TDR342

BARCODING THE WORLD

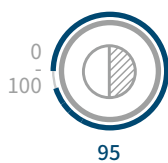
TDR342 is a TTO/near-edge resin-based ribbon with excellent scratch resistance and print quality, capable of transferring onto various film materials such as PE, PP, PET, and BOPP. It is widely used in packaging lines for food, personal care products, and medical equipment.

Printing Quality

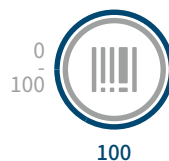
Darkness



Sharpness



0° barcode



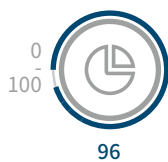
90° barcode



Min. printable character



Graphics



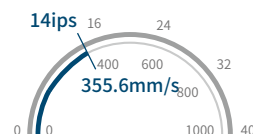
Substrate Compatibility

L3- < L2- < L1-

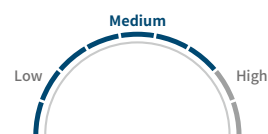
Uncoated paper Writing Paper, Vellum ...			
Coated paper Art Paper, Art Printing Paper, High Gloss Paper			
Synthetic paper Synthetic Paper ...			
Film label PP/PET/PE/BOPP/PVC ...			
	TDR342	TDR320	TDR325

Sensitivity

Printing speed



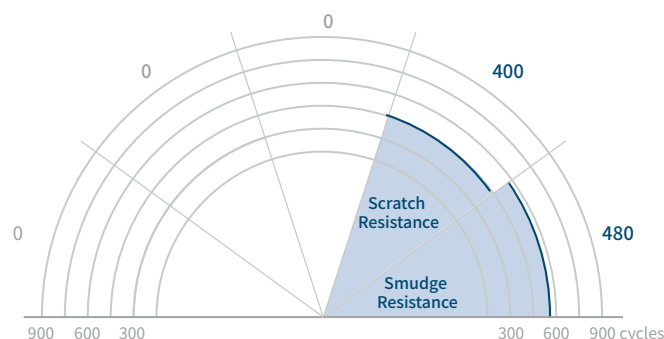
Printing temperature



Resistance Test

Physical resistance

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



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.

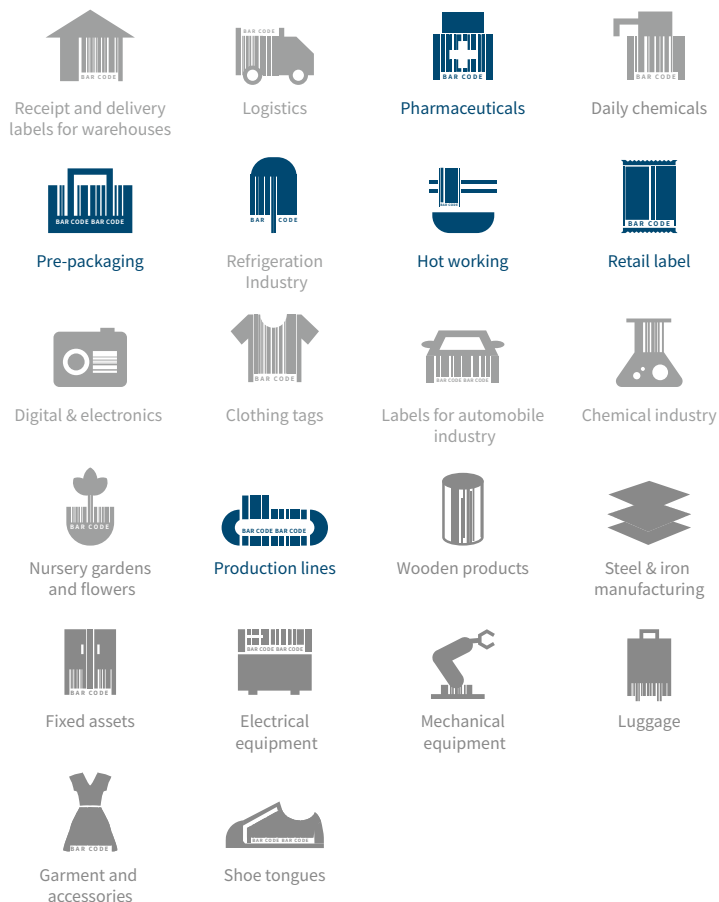


Low-temperature test

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.



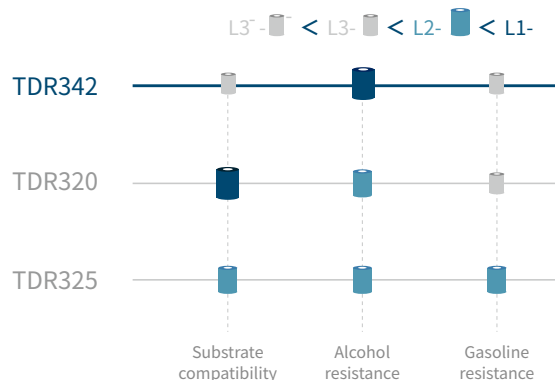
Recommended Applications



Properties

PET film	Ribbon
Thickness: $4.5 \pm 0.1 \mu\text{m}$	Thickness: $6.5 \pm 0.5 \mu\text{m}$
Ink	
Color: black Melting point: $88 \pm 3^\circ\text{C}$	
Storage condition	
Temperature: $5 \sim 35^\circ\text{C}$ Humidity: 20~80% Validity period: 12 months	

Product Comparison



Certifications and Permits



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