

TTO/Near-edge
Wax/Resin Ribbon

TDM669

BARCODING THE WORLD

TDM669 is a multifunctional TTO ribbon. Besides supporting the high speed printing, it has good printing definition, excellent substrates compatibility and nice scratch resistance. It can be perfectly printed on soft packing bags and it is widely used in packaging production lines.

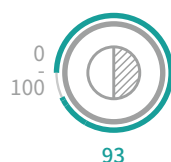
- High-Speed Printing
- Superior Substrate Compatibility
- Superior Printing Performance

Printing Quality

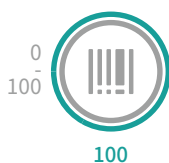
Darkness



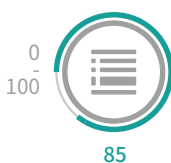
Sharpness



0° barcode



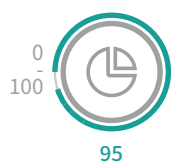
90° barcode



Min. printable character



Graphics



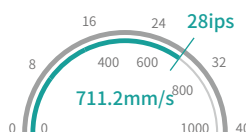
Substrate Compatibility

L3- < L2- < L1-

Uncoated paper Writing Paper, Vellum ...		
Coated paper Art Paper, Art Printing Paper, High Gloss Paper		
Synthetic paper Synthetic Paper ...		
Film PP/PE/BOPP/PA ...		
	TDM665	TDM669

Sensitivity

Printing speed



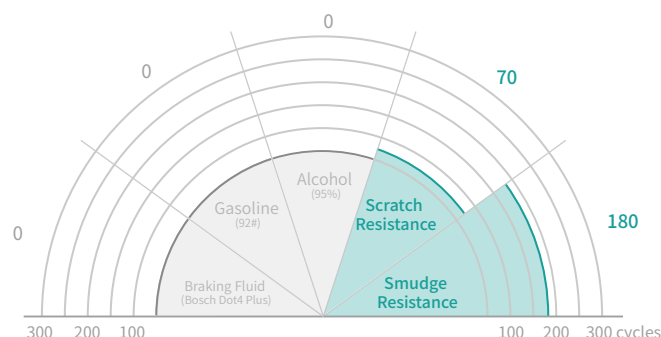
Printing temperature



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.

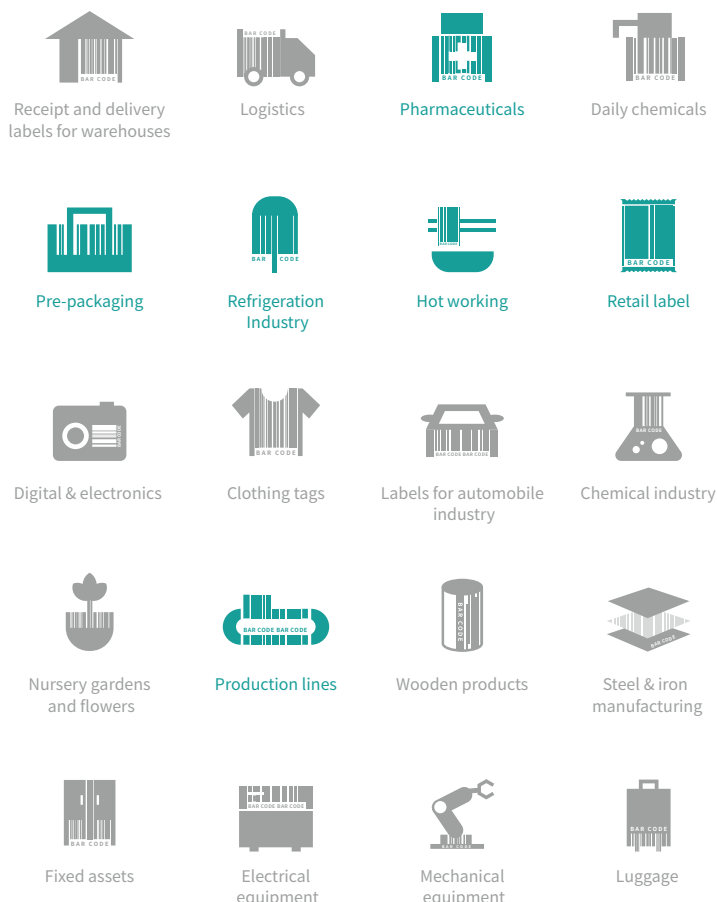


Low-temperature test

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.



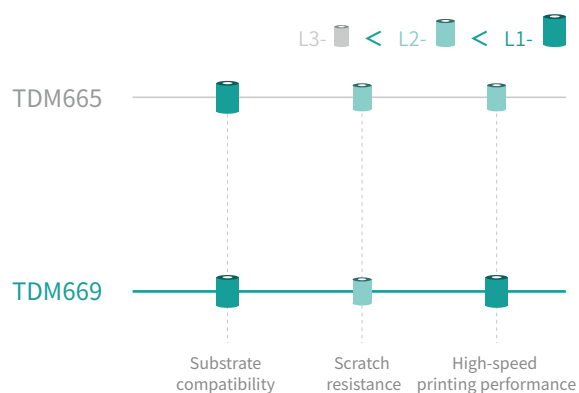
Recommended Applications



Properties

PET film	Ribbon
Thickness: $4.0 \pm 0.3 \mu\text{m}$	Thickness: $6.5 \pm 0.3 \mu\text{m}$
Ink	
Color: black Melting point: $79 \pm 3^\circ\text{C}$	
Storage condition	
Temperature: $5 \sim 35^\circ\text{C}$ Humidity: 20~80% Validity period: 12 months	

Product Comparison



Certifications and Permits



Compatible With

- Markem-Imaje
- Videojet
- Domino
- TOSHIBA
- HRPT
- Dikai
- Avery Dennison (Novexx)
- Other floating-head printings

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Wax-Resin Ribbon

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