

Premium TTO/Near-edge Wax/Resin Ribbon

T677

BARCODING THE WORLD

T677 is an Premium Near-Edge/TTO Wax/Resin Ribbon designed for high adaptability, durability, and high-speed printing. Its exceptional scratch resistance and resistance to edible oils make it ideal for flexible packaging applications in food, daily consumer products, and more.

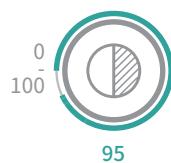
- High-Speed Printing
- Superior Substrate Compatibility
- Superior Printing Performance
- Nice Scratch Resistance

Printing Quality

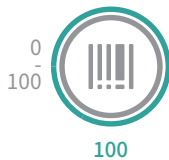
Darkness



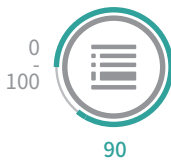
Sharpness



0° barcode



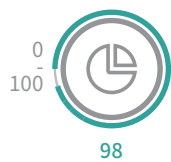
90° barcode



Min. printable character

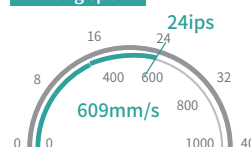


Graphics

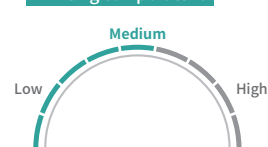


Sensitivity

Printing speed



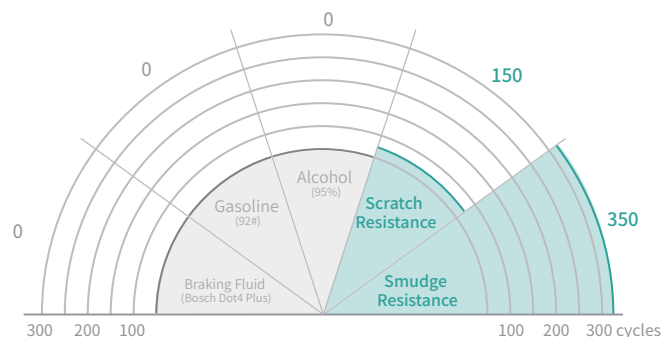
Printing temperature



Resistance Test

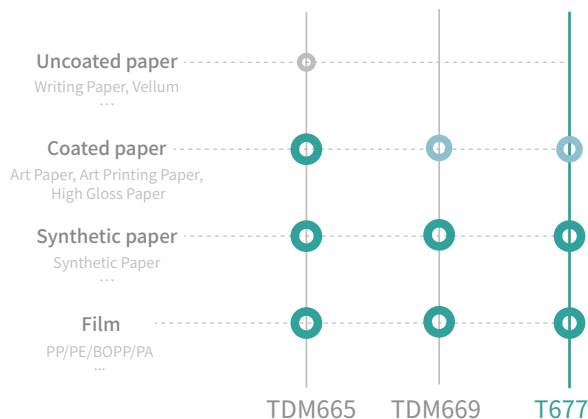
Physical resistance

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.

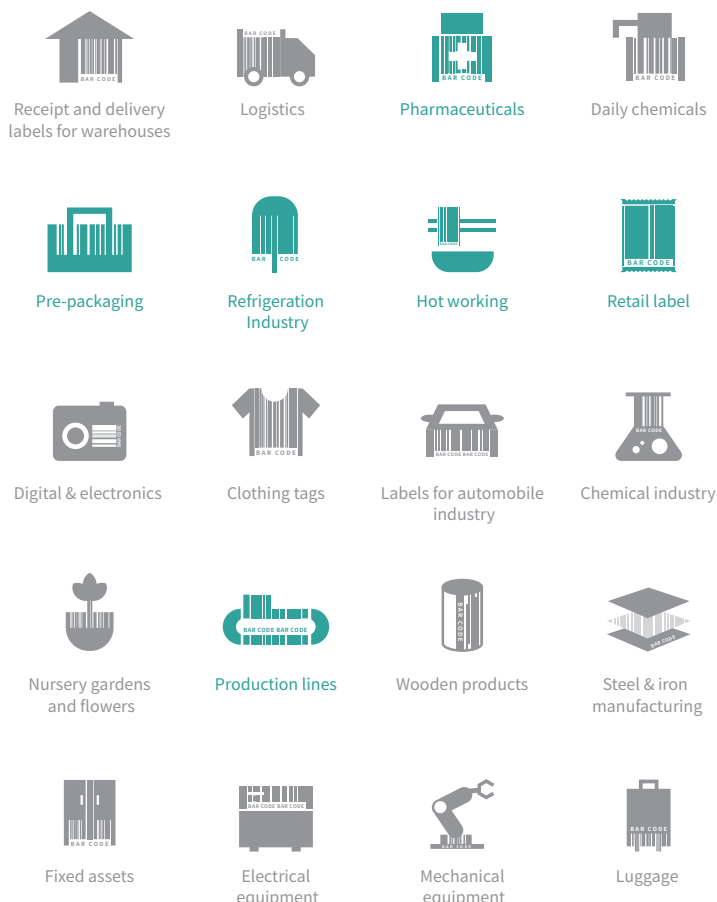


Low-temperature test

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.



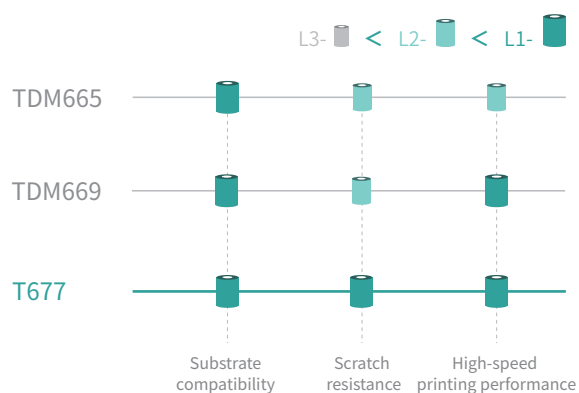
Recommended Applications



Properties

PET film	Ribbon
Thickness: $4.0 \pm 0.3 \mu\text{m}$	Thickness: $6.7 \pm 0.3 \mu\text{m}$
Ink	
Color: black Melting point: $82 \pm 3^\circ\text{C}$	
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

Premium Near-edge/TTO
Wax-Resin Ribbon

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Hangzhou Todaytec Digital Co., Ltd.

All product specifications can be found
at our website www.todaytec.com/en/

Marketing Department: +86 571-8577-1623

marketing@todaytec.com.cn

Add: 600 KangXin Rd, LinPing District, Hangzhou,
Zhejiang Province, China