

Enhanced Wax/Resin Ribbon

TDM238

BARCODING THE WORLD

TDM238, as a superior enhanced wax-resin ribbon, offers excellent scratch resistance and image quality comparable to resin ribbons. TDM238 has a wide range of substrate compatibility and works well in extreme environments such as low-temperature storage and high-temperature sterilization.

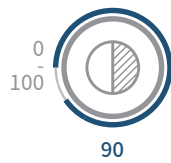
- Excellent Scratch Resistance
- Superior Detail
- Superior Substrate Compatibility

Printing Quality

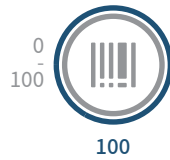
Darkness



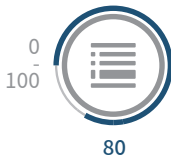
Sharpness



0° barcode



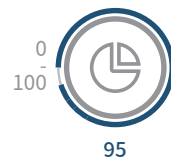
90° barcode



Min. printable character

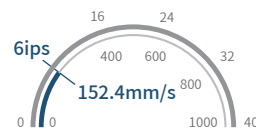


Graphics



Sensitivity

Printing speed



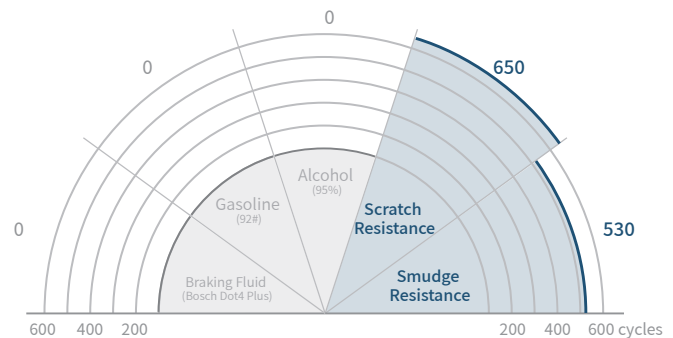
Printing temperature



Resistance Test

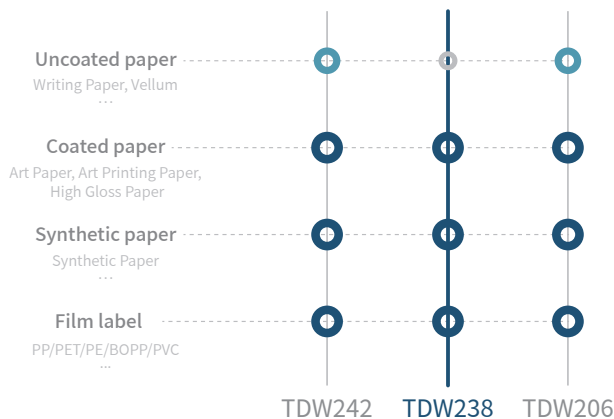
Physical resistance

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.



No significantly faded

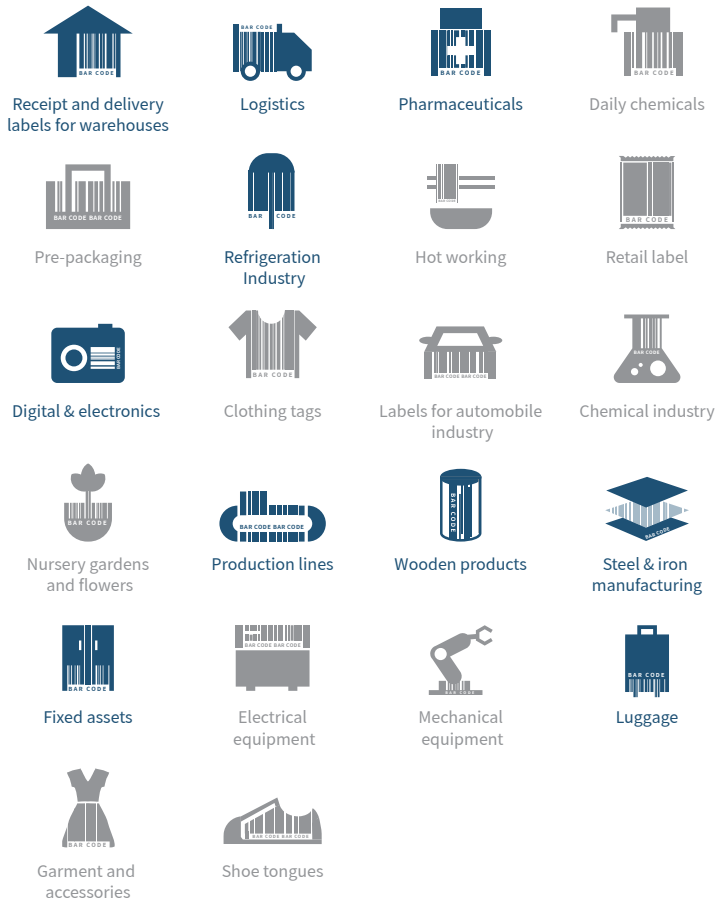
Low-temperature test

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.



No significantly fallen off

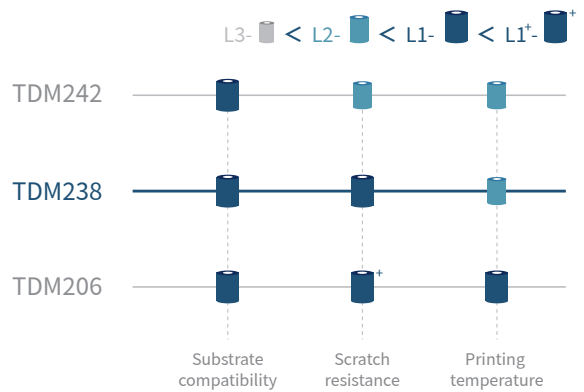
Recommended Applications



Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 6.5±0.3μm
Ink	
Color: black Melting point: 83±3°C	
Storage condition	
Temperature: 5~35°C Humidity: 20~80% Validity period: 12 months	

Product Comparison



Certifications and Permits



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

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