

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.

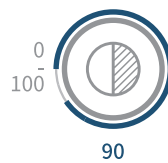
- Excellent Scratch Resistance
- Superior Detail
- Superior Substrate Compatibility

Printing Quality

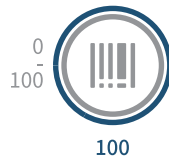
Darkness



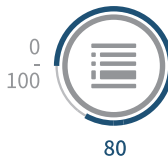
Sharpness



0° barcode



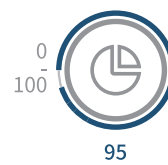
90° barcode



Min. printable character

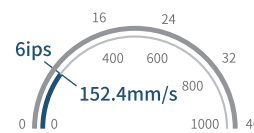


Graphics



Sensitivity

Printing speed



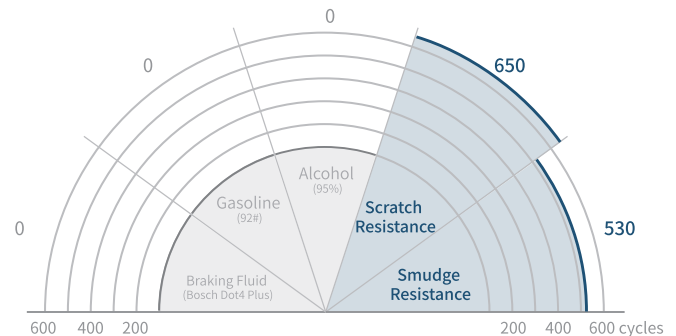
Printing temperature



Resistance Test

Physical resistance

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



Substrate Compatibility

L3- ☐ < L2- ☒ < L1- ☒

Uncoated paper Writing Paper, Vellum ...	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coated paper Art Paper, Art Printing Paper, High Gloss Paper	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Synthetic paper Synthetic Paper ...	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Film label PP/PET/PE/BOPP/PVC ...	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	TDW242	TDW238	TDW206

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

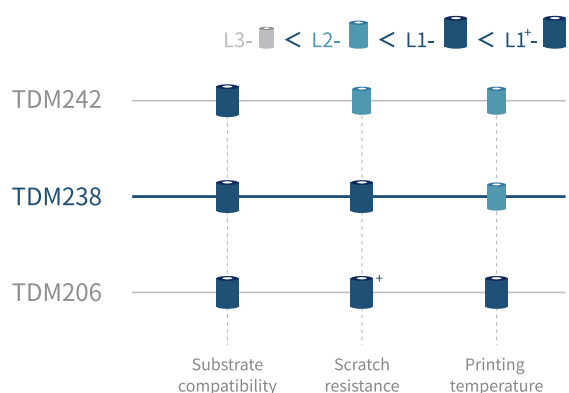
Recommended Applications



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



Compatible With

- Zebra
- Datamax
- Intermec
- SATO
- other flat-head printings
- Honeywell
- Avery
- TSC
- Printronix

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