

Enhanced Wax/Resin Ribbon

TDM238P

BARCODING THE WORLD

TDM238P is an enhanced wax-resin ribbon. It's designed for printing at lower temperatures and has excellent resistance to high-temperature boiling, freezing & refrigeration, as well as exceptional scratch resistance. It is widely used and highly praised in the meat industry.

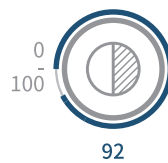
- Excellent Scratch Resistance
- Superior Oil Resistance Performance
- Excellent High-temperature & Refrigeration Resistance

Printing Quality

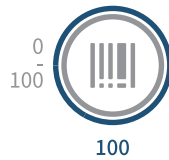
Darkness



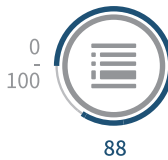
Sharpness



0° barcode



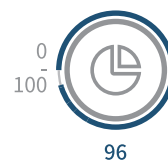
90° barcode



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
...

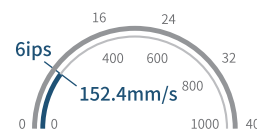
Film label

PP/PET/PE/BOPP/PVC
...

TDM238P

Sensitivity

Printing speed



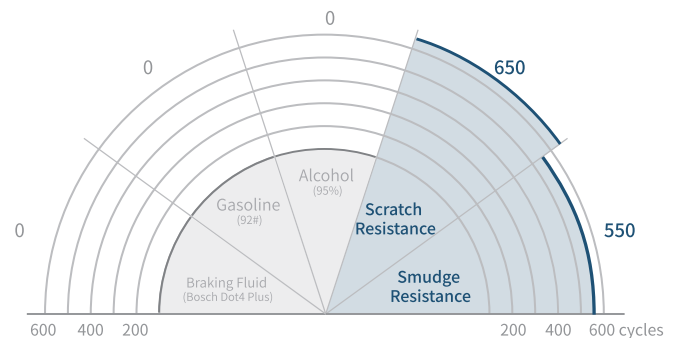
Printing temperature



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.



No significantly faded

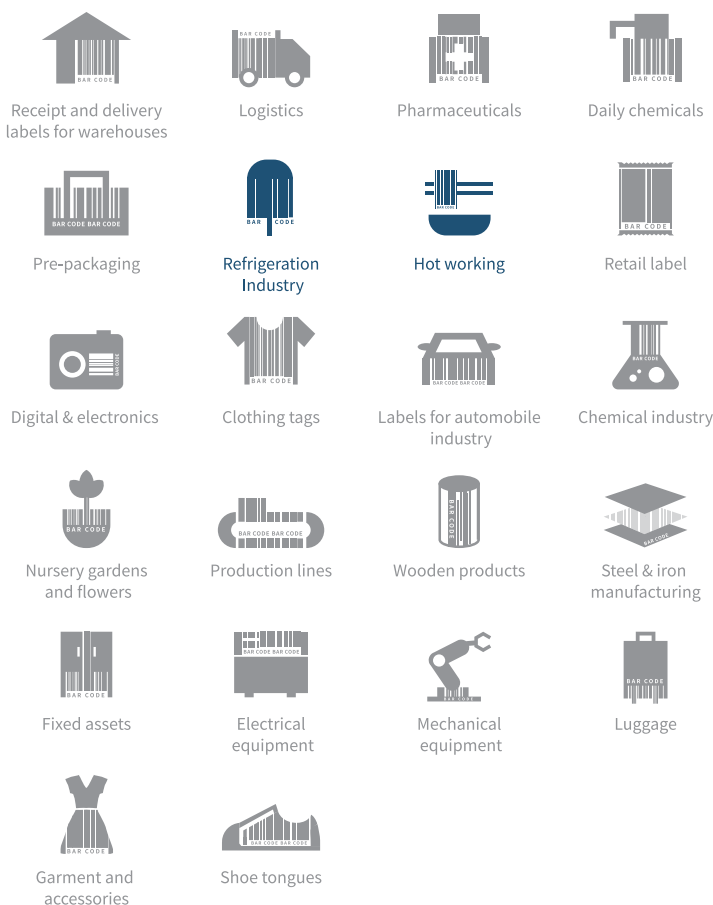
Low-temperature test

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

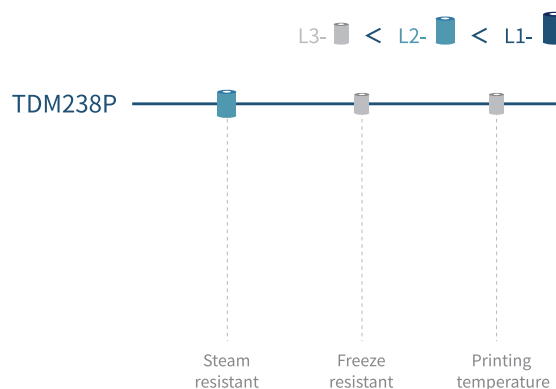
Recommended Applications



Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 6.2±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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