

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.

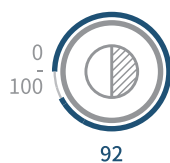
- Excellent Scratch Resistance
- Superior Oil Resistance Performance
- Excellent High-temperature & Refrigeration Resistance

Printing Quality

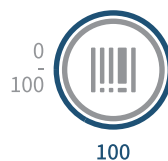
Darkness



Sharpness



0° barcode



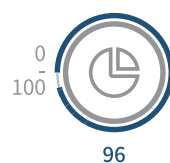
90° barcode



Min. printable character

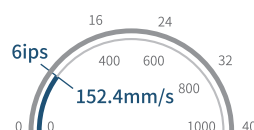


Graphics

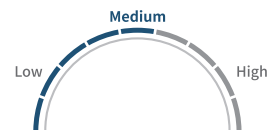


Sensitivity

Printing speed



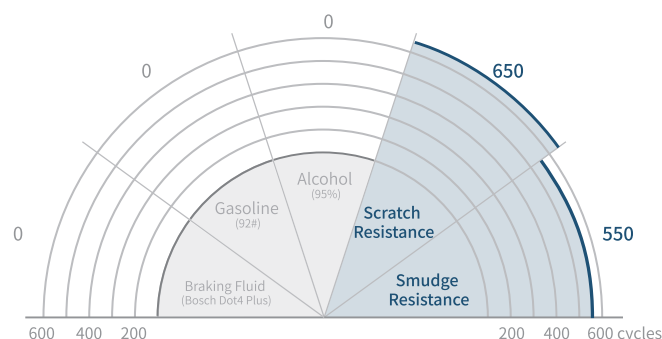
Printing temperature



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
...

Coated paper

Art Paper, Art Printing Paper,
High Gloss Paper

Synthetic paper

Synthetic Paper
...

Film label

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

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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.



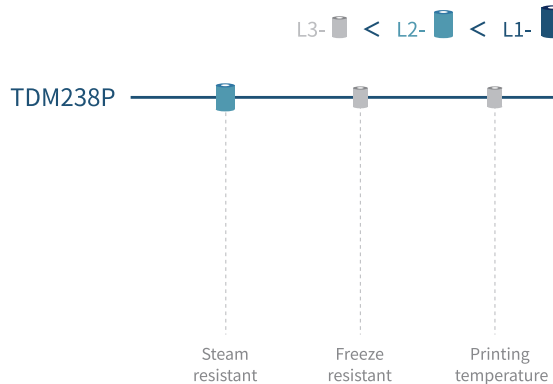
Recommended Applications



Properties

PET film	Ribbon
Thickness: 4.5μm	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



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