


## Comply with the Mineral Oil Act


# TDM243


BARCODING THE WORLD

TDM243 is a general wax/resin ribbon that is versatile and high-performing. It boasts strong adaptability, high blackness, high sensitivity, and excellent scratch resistance. Its special formulation fully complies with the requirements of the 25-year Mineral Oil Act, and it has received widespread acclaim since its launch.

 Excellent Scratch Resistance

 High Definition

 Superior Substrate Compatibility

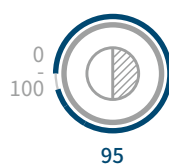
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## Printing Quality

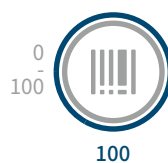
### Darkness



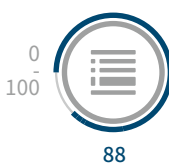
### Sharpness



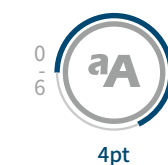
### 0° barcode



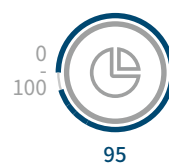
### 90° barcode



### Min. printable character

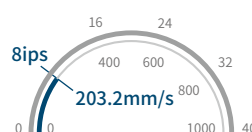


### Graphics

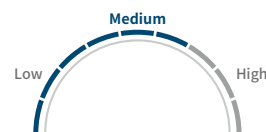


## Sensitivity

### Printing speed



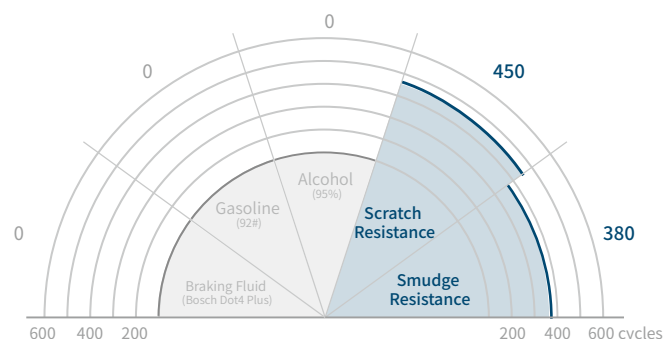
### Printing temperature



## Resistance Test

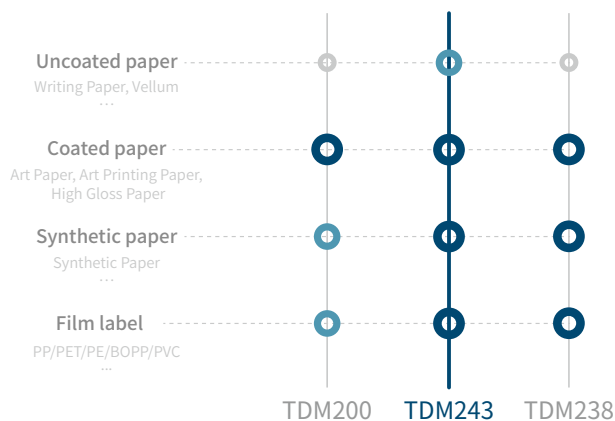
### Physical resistance

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.

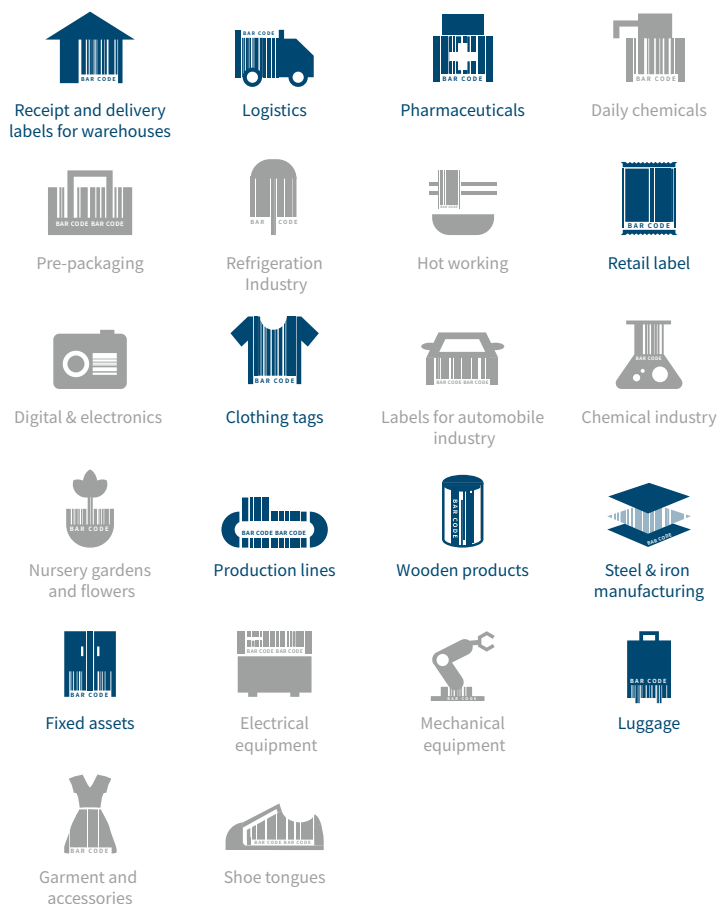


### Low-temperature test

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.



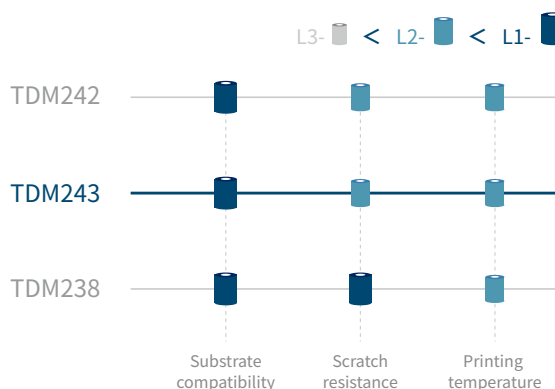
## Recommended Applications



## Properties

PET film	Ribbon
Thickness: 4.4μm	Thickness: 7.5±0.3μm
Ink	
Color: black    Melting point: 82±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
- Honeywell
- Avery
- TSC
- Printronix

General Wax/Resin Ribbon

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