

Economical Enhanced Wax Ribbon

TDW120

BARCODING THE WORLD

TDW120, as a cost-effective enhanced wax ribbon, has been widely used in warehousing, logistics and other industries for its good scratch resistance, good printing quality and wide range of substrate compatibility.



Enhanced Scratch Resistance



High Cost Performance



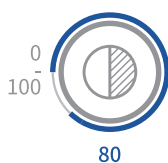
Broad Substrate Compatibility

Printing Quality

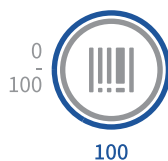
Darkness



Sharpness



0° barcode



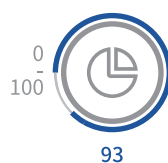
90° barcode



Min. printable character

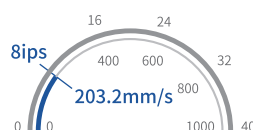


Graphics



Sensitivity

Printing speed



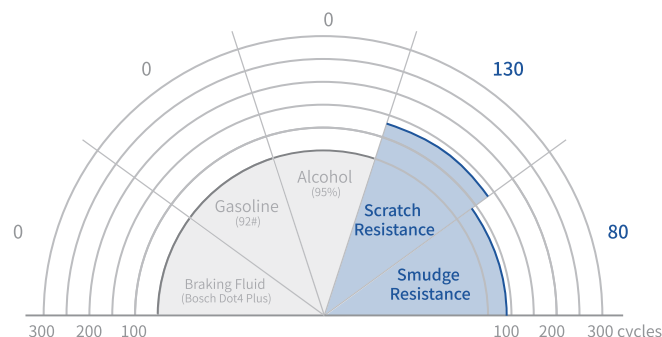
Printing temperature



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 ... | | | |
| Coated paper Art Paper, Art Printing Paper, High Gloss Paper | | | |
| Synthetic paper Synthetic Paper ... | | | |
| Film label PP/PET/PE/BOPP/PVC (Low scratch resistance) | | | |
| | TDW108 | TDW120 | TDW133 |

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

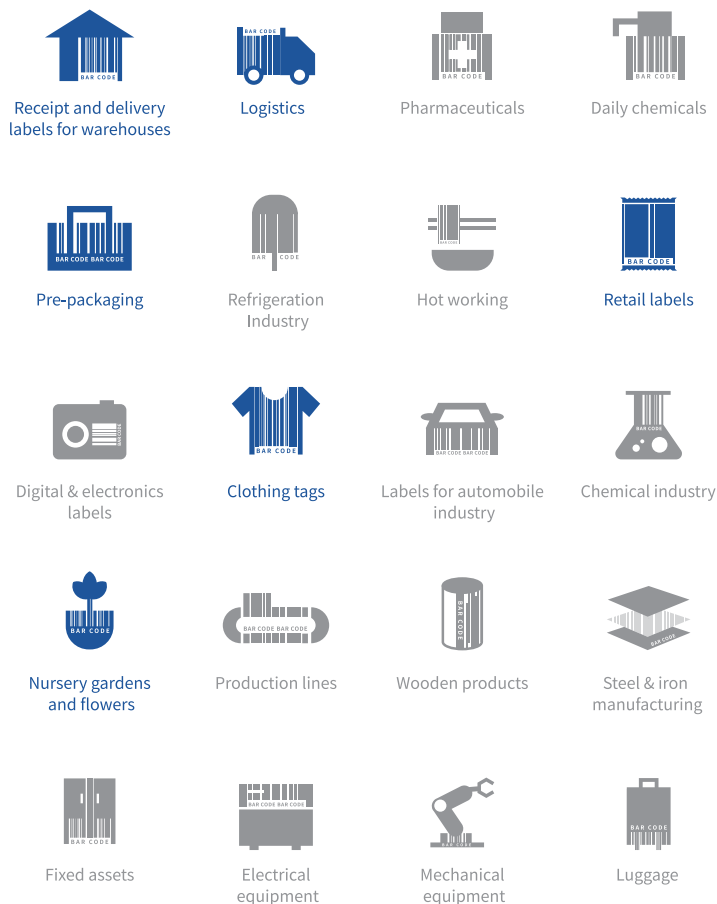
Low-temperature test

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

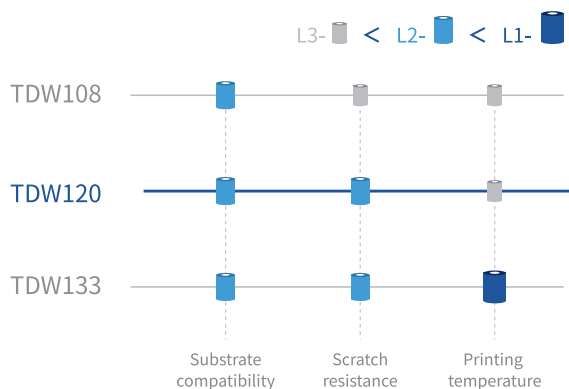
Recommended Applications



Properties

| PET film | Ribbon |
|---|----------------------|
| Thickness: 4.5μm | Thickness: 9.0±0.3μm |
| Ink | |
| Color: black Melting point: 68±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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