Premium Wash Care Resin Ribbon

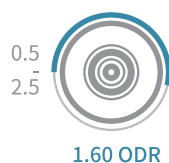# TDR382

BARCODING THE WORLD

Todaytec

TDR382 is a premium wash care ribbon with high sensitivity and superior substrates compatibility. Its imprint is pretty clear and dark on both dense care labels and sparse woven labels. Apart from dry cleaning and washing resistance, it also has sand washing resistance.
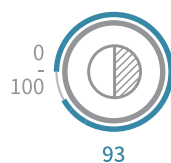
- High Sensitivity
- Superior Substrate Compatibility
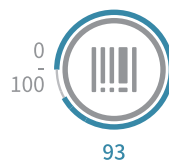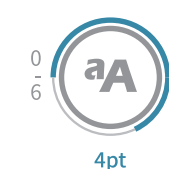- Excellent Washing & Sand Washing Resistance
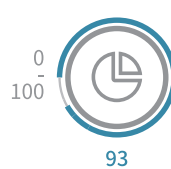
Printing Quality

Darkness
0.5 – 2.5
1.60 ODR

Sharpness
0 – 100
93

0° barcode
0 – 100
93

90° barcode
0 – 100

Min. printable character
0 – 6
4pt

Graphics
0 – 100
93

Substrate Compatibility

L3- ◎ < L2- ◉ < L1- ◉

	TDR370P	TDR380P	TDR382
Nylon	◉	◉	◉
Satin	◉	◉	◉
TPU	◉	◉	◉

Sensitivity

Printing speed
16   24
400   600   32
6ips   152.4mm/s   800
0   0   1000   40
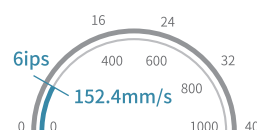
Printing temperature
Medium
Low   High
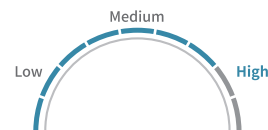
Resistance Test

Washing resistance

Placing the printed label in a washing machine with **4‰** soapy water at **40℃** for **30 minutes**.
Observing its print attenuation: OK

OK
No Obvious Fading

Dry-cleaning resistance

Placing the printed label in a washing machine with **CCL4** solution at **40℃** for **30 minutes**.
Observing its print attenuation: OK

OK
No Obvious Fading

Ironing test

Placing the printed label under an ironing machine for **5 minutes**.
Observing its print attenuation: OK

OK
No Obvious Fading

Recommended Applications

- Receipt and delivery labels for warehouses
- Logistics
- Pharmaceuticals
- Daily chemicals
- Pre-packaging
- Refrigeration Industry
- Hot working
- Retail label
- Digital & electronics
- Clothing tags
- Labels for automobile industry
- Chemical industry
- Nursery gardens and flowers
- Production lines
- Wooden products
- Steel & iron manufacturing
- Fixed assets
- Electrical equipment
- Mechanical equipment
- Luggage
- Garment labels
- Shoe tongues

Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 6.0±1.0μm
Ink	
Color: black　Melting point: 115±3℃	
Storage condition	
Temperature: 5~35℃　Humidity: 20~80% Validity period: 12 months	

Product Comparison

L3- ▊ < L2- ▊ < L2$^+$- ▊$^+$ < L1- ▊ < L1$^+$- ▊$^+$

TDR370P

TDR380P

TDR382
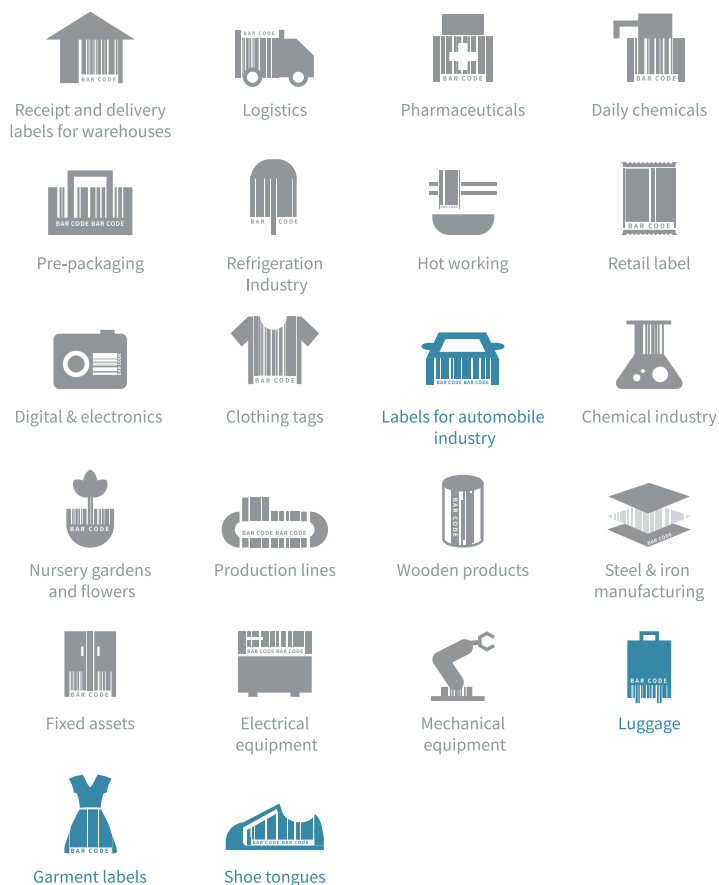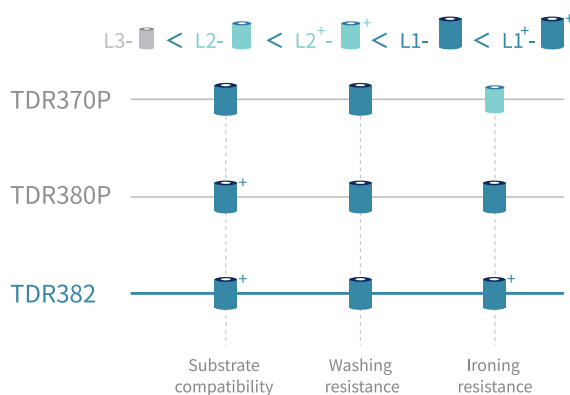
Substrate compatibility　Washing resistance　Ironing resistance

Certifications and Permits

RoHS — ROHS2.0

Reach — REACH

ISO — ISO9001/14001

MSDS — MSDS

HALOGEN — HALOGEN

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