




Enhanced Wash Care Resin Ribbon

TDR380P

BARCODING THE WORLD

TDR380P is an enhanced wash care ribbon with low printing temperature, high blackness, superior substrates compatibility. It has excellent darkness no matter in the dense high washable label or in the dense sparse webbing printing. Compared to TDR380, it strengthens the color fastness, sand washing and sweat resistance and high temperature ironing performance. Besides, TDR380P achieves anti-alcohol and anti-gasoline performances.

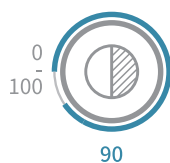
-  Excellent Darkness & High Sensitivity
-  Superior Substrate Compatibility
-  Excellent Washing Resistance

Printing Quality

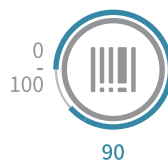
Darkness



Sharpness



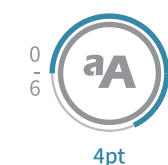
0° barcode



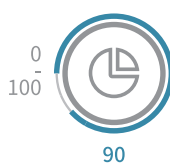
90° barcode



Min. printable character












Graphics



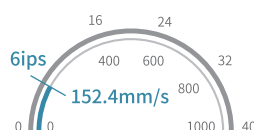
Substrate Compatibility

L3-  < L2-  < L1- 

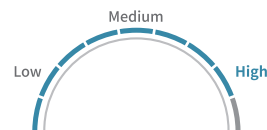
Nylon			
Satin			
TPU			
	TDR370P	TDR380P	TDR382

Sensitivity

Printing speed



Printing temperature



Resistance Test

Washing resistance

Placing the printed label in a washing machine with 4% soapy water at 40°C for 30 minutes.

Observing its print attenuation: OK



Dry-cleaning resistance

Placing the printed label in a washing machine with CCL4 solution at 40°C for 30 minutes.

Observing its print attenuation: OK



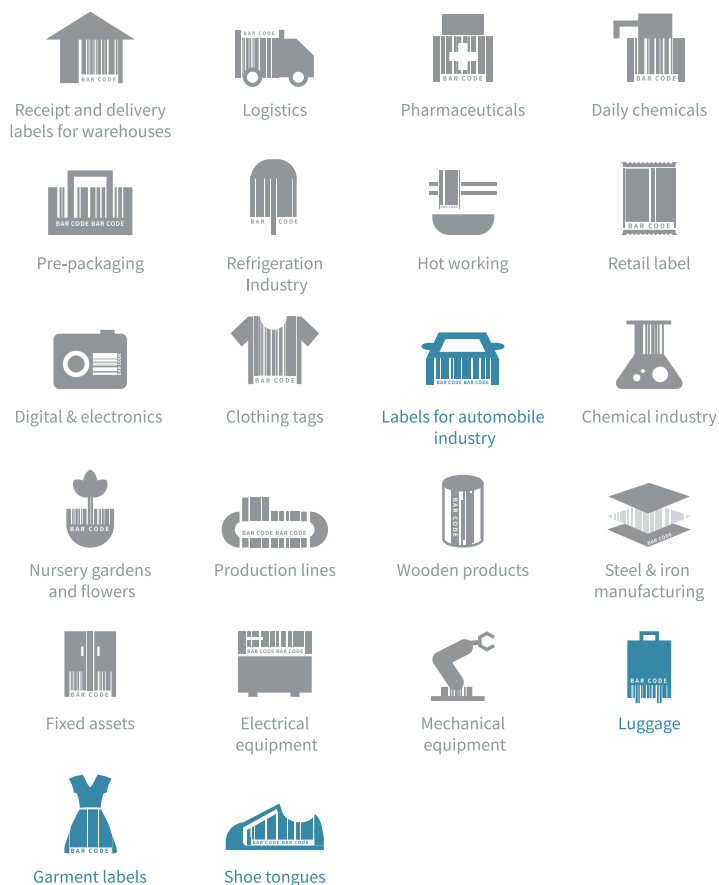
Ironing test

Placing the printed label under an ironing machine for 5 minutes.

Observing its print attenuation: OK



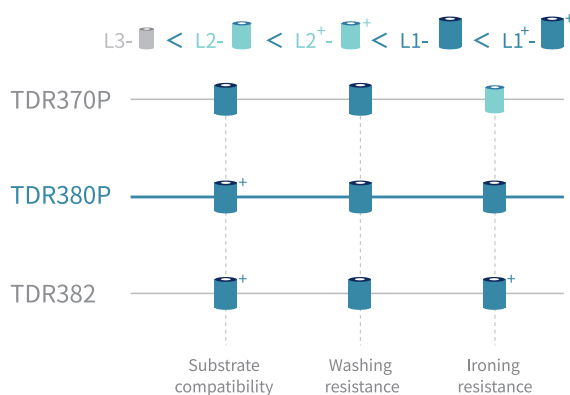
Recommended Applications



Properties

PET film	Ribbon
Thickness: 4.5μm	Thickness: 6.5±1.0μm
Ink	
Color: black Melting point: 115±3°C	
Storage condition	
Temperature: 5~35°C Humidity: 20~80% Validity period: 12 months	

Product Comparison



Certifications and Permits



ROHS2.0



REACH



ISO9001/14001



MSDS



HALOGEN

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