

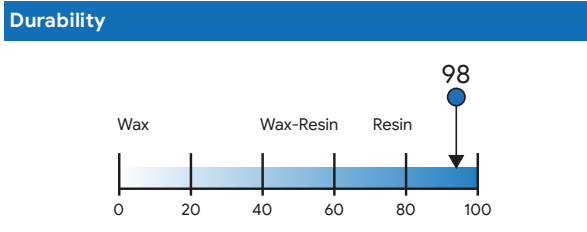
# PTXL DURO 1

Performance Ribbons

## High quality ribbon for fine print and high durability

- High print precision for QR code, logos and small characters
- The most resistant resin ribbon (smudge, scratch and solvents)
- Resistance to very extreme temperatures
- Great compatibility with all synthetic label materials

Printing Surface	
Synthetics	Specific
PET	<ul style="list-style-type: none"> <li>■ ■ ■ Polyimide ■ ■ ■</li> <li>■ ■ ■ Acrylate ■ ■ ■</li> </ul>



Printer Settings	
Speed	200mm/s [ 8ips ]
Energy Consumption	High

Product Performance	
Print Quality	[ 0 - 100 % ]
90° Barcode	95%
0° Barcode	100%
2D Barcode	100%
Small Characters	100%
Logos	100%
Blackness [ 0 - 2.5 ] ODR*	1.8

\*Optical Density by Reflection

Compliance	
Standards	
REACH/SVHC	1907/2006/EC
Food Contact	1935/2004/EC
Heavy Metals	2011/65/EU
California Proposition 65	CP65
Halogen Restrictions	Halogen Free

## Main Applications of Use

- PCB Labelling
- Laboratory Labelling
- Medical Devices
- Mechanical Parts
- Aerospace
- Electrical Components
- Automotive Labelling

Technical Resistance	
Heat	300 °C [ 572 °F ]
Water/Submerge	100%
Light/Blue Wool	> 7
Rubbing	100%
Solvents	
Rubtester: 939g, no damage after .... cycles:	
IPA	150 cycles
Mineral Spirit	50 cycles
Motor Oil	250 cycles
Ethanol	25 cycles
Unleaded Gasoline 98	not recommended
Brake Fluid	not recommended

Product Physico-chemical Features	
Product Structure	
PET Film	Thickness: 4.5 µm
Ink	Resin
Melting Point	75 °C [ 167 °F ]
Friction Coefficient	Kd < 0.2
Ribbon Thickness	< 8 µm
Anti-static build-up treatment	Yes

Storage Conditions	
Use within 12 months of manufacture date	
Humidity	20-80%
Temperature	5-35 °C [ 40-95 °F ]
Keep away from light	

