

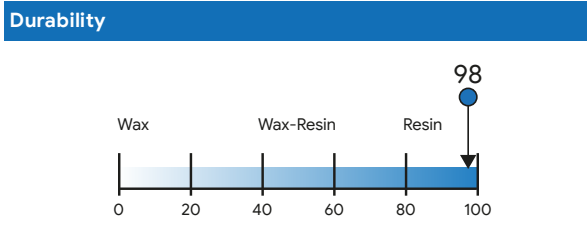
PTXL DURO 2

Performance Ribbons

High performance resin ribbon resistant to extreme conditions

- Excellent resistance to solvents and to high temperature
- Excellent resistance to smudge and scratch
- Excellent printing quality

Printing Surface	
synthetics	specific
PP ■■■	Polyimide ■■■
PE ■■■	Acrylate ■■■
PET ■■■	



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

Product Performance	
Print Quality	[0 - 100 %]
90° Barcode	95%
0° Barcode	100%
2D Barcode	98%
Small Characters	95%
Logos	95%
Blackness [0 - 2.5] ODR*	1.6

*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
UL 969	
BS 5609	

Main Applications of Use

- Blood & IV bags
- Printed circuit board
- Chemical drum labelling
- Sterilisation label
- Under the hood label

Technical Resistance	
Heat	250 °C [482 °F]
Water/Submerge	100%
Light/Blue Wool	>7
Rubbing	95%
Solvents	
Rubtester: 939g, no damage after cycles:	
IPA	200 cycles
Mineral Spirit	80 cycles
Motor Oil	250 cycles
Ethanol	80 cycles
Unleaded Gasoline 98	10 cycles
Brake Fluid	10 cycles

Product Physico-chemical Features	
Product Structure	
PET Film	Thickness: 4.5 µm
Ink	Resin
Melting Point	85 °C [185 °F]
Friction Coefficient	Kd <0.2
Ribbon Thickness	< 9 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	

