DATASHEET

PTXL DURO 3
Performance Ribbons

Standard Resin Ribbon
for Flat Head Printers

Most Versatile Resin Product on the Market

- Excellent Print Quality
- Excellent Smudge and Scratch Resistance
- Good High Temperature Resistance
- End of Ribbon Detection System

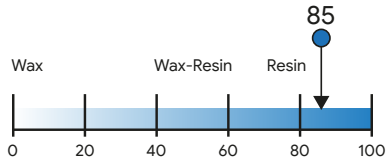
Main Applications of Use

- Signage & Logos
- Laboratory Labelling
- Medical Devices
- Mechanical Parts
- PCB Labelling
- Electrical Components
- Automotive Labelling
- Textile Labelling

Printing Surface

Papers		Synthetics	
Coated	■□□	PP	■■■
Glossy Coated	■■□	PE	■■■
		PET	■■■

Durability



Technical Resistance

Heat	180 °C [356 °F]
Water/Submerge	100%
Light/Blue Wool	> 7
Rubbing	95%
Solvents	
Rubtester: 939g, no damage after .... cycles:	
IPA	120 cycles
Mineral Spirit	60 cycles
Motor Oil	250 cycles
Ethanol	25 cycles
Unleaded Gasoline 98	not recommended
Brake Fluid	not recommended

Printer Settings

Speed	250mm/s [10ips]
Energy Consumption	Medium - High

Product Physico-chemical Features

Product Structure	
PET Film	Thickness: 4.5 µm
Ink	Resin
Melting Point	80 °C [176 °F]
Friction Coefficient	Kd <0.2
Ribbon Thickness	< 9 µm
Anti-static build-up treatment	Yes

Product Performance

Print Quality	**[0 - 100 %]**
90° Barcode	95%
0° Barcode	100%
2D Barcode	100%
Small Characters	95%
Logos	95%
Blackness [0 - 2.5] ODR*	1.7
*Optical Density by Reflection	

Storage Conditions

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

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
UL 969	
BS5609	

SCAN ME