



**CAVALIER
ENTERPRISES**



Imaging Characteristics

Printer..... TTO Near-Edge
Max Print Speed..... 16 IPS
Energy Range..... Medium-High
Image Darkness.....2.0 RD (densitometer)
Heat Resistance.....260°C / 500°F

Compliance

REACH / SVHC 1907/2006/EC
Food Contact 1935/2004/EC
Heavy metals 2011/65/EU
California Proposition 65
Halogen restrictions

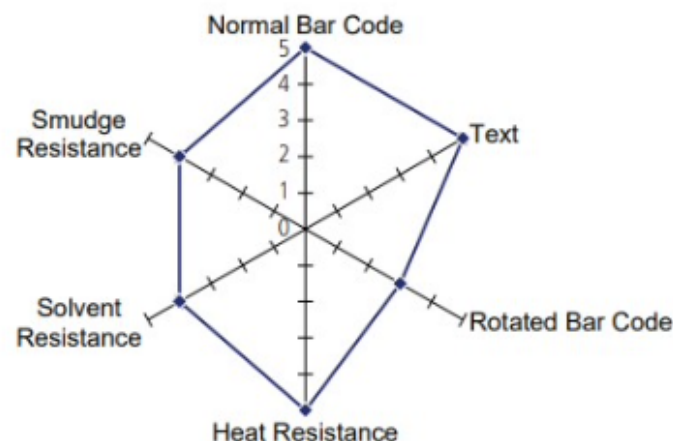
CE PRO RES TTO

Premium Resin for Near Edge Printers

Properties:-

Carrier 4.5µm Polyester film
Thickness < 9.0 µm
Color Black
Ink melting point 80°C/176°F
The ribbon is anti static build-up treated
Optical density (transmission) > 0.90
Optical density (reflective) >1.80

Performance Ratings



Printing receptor

papers		synthetics
Coated	● ○ ○	PP ● ● ●
Glossy coated	● ● ○	PE ● ● ●
		PET ● ● ●

Printer settings

speed

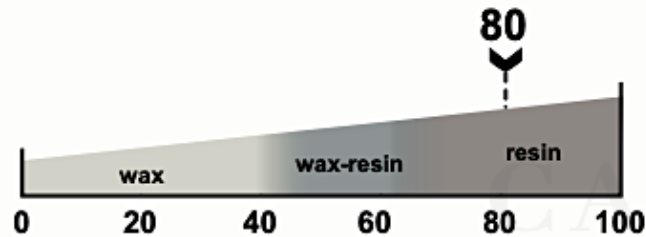
8 ips

200 mm/s

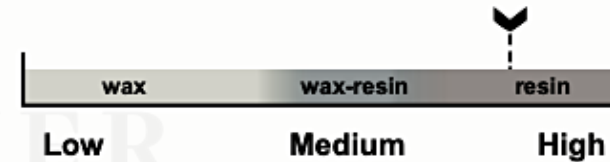


40 ips
1000 mm/s

Print resistance



energy



Product performance

print quality

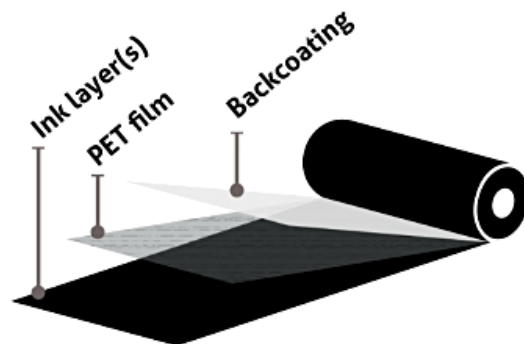
 90°Barcode  95	 Small characters  90	 Logos  95
 0°Barcode  100	 2D Barcode  100	 Blackness *Optical Density by Reflection, measured using a densitometer.  1,7 ODR*

technical resistances

 Heat  180°C 356°F	 Light/Blue Wool  >7	 Solvents  45
 Water/Submerge  100	 Rubbing  95	Rubtester: 939g, no damage after ... cycles : IPA: 5 Ethanol: 25 Mineral Spirit: 30 Unleaded gasoline 98: nr* Motor oil: 250 Brake fluid: nr* *not recommended

Product physico-chemical features

product structure



PET film	Thickness: 4,5 µm
Ink	Resin
Melting point	80°C/176°F
Backcoating	Silicon based
Coefficient of Friction	Kd < 0.2
Ribbon thickness	< 9 µm
The ribbon is anti static build-up treated	

Storage

12 months recommended

20-80 % Humidity Rate, 5-35°C (40-95°F)