

# Resin

Thermal Transfer Ribbon  
RESIN FOR FLAT HEAD PRINTERS

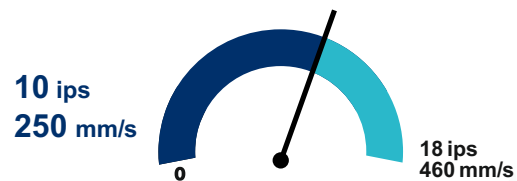
# TECHNICAL DATA SHEET

## Printing receptor

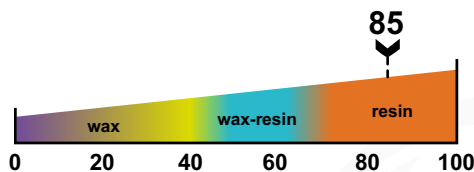
papers		synthetics	
Vellum	● ○ ○	PP	● ● ●
Glossy coated	● ● ○	PE	● ● ●
		PET	● ● ●

## Printer settings

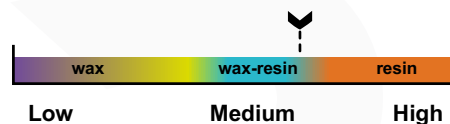
### speed



## Print resistance



### energy



## Compliant with the following regulations

REACH / SVHC 1907/2006/EC

Food Contact 1935/2004/EC

Heavy metals 2011/65/EU

California Proposition 65

Halogen Restrictions

UL 969

BS 5609

## Environmental performance

### Manufacturing process

PET Waste 100% recovered

Solvent 91% recovered into factory energy

Electricity 58% from renewable sources

## Application Fields



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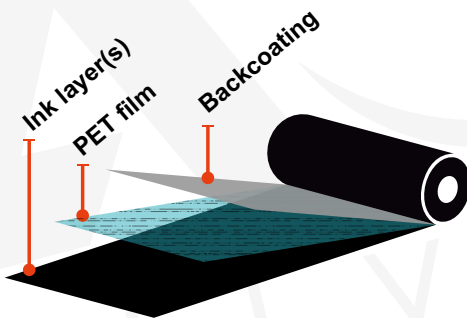
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## Product performance

print quality					
90°Barcode	95	Small characters	95	Logos	95
0°Barcode	100	2D Barcode	100	Blacknes	1,7 ODR <small>*Optical Density by Reflection, measured using a densitometer</small>
technical resistances					
Heat	180°C 356°F <small>300°C 572°F</small>	Light/Blue Wool	>7	Solvents	60
Water/Submerge	100	Rubbing	95	Rubtester: 939g, no damage after ... cycles : IPA: 120      Ethanol: 25 Mineral Spirit: 60      Unleaded gasoline 98: nr* Motor oil: 250      Brake fluid: nr* *not recommended	

## Product physico-chemical features

### product structure



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

## Storage

### storage conditions

12 months recommended

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

## Waste management

Our rolls and their packaging allow an optimised waste management. For more information please contact ASR Universal Ltd.



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