

B130ED



B130ED Thermal Transfer Ribbon

FEATURES

- Specially designed for date coder with near edge thermal head.
- Very high printing speed up to 24 IPS.
- Applicable to various packaging films: PET/PP/PE/Nylon...
- Darker image on coloured packaging films.
- Ricoh's unique coating on the back allows reliable and superior matching qualities with the thermal head.

APPLICATION AREAS



Direct Printing

GENERAL CONDITIONS

Usage conditions: 5 to 40°C at 10 to 95% of humidity rate.

Storage life: 24 months after slitting day.

Storage conditions: -20 to 40°C at 10 to 90 % of humidity rate.

CERTIFICATES / REGISTRATION / DIRECTIVES

- TSCA (Toxic Substances Control Act)
- Directive RoHs
- Directive WEEE
- Directive 2003/11/EC
- Directive 2000/53/EC
- Directive 76/769/EC
- ISO EN71-3
- REACH Compliant

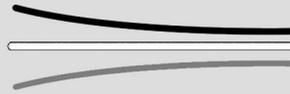


For other directives, please contact us.

RICOH

RIBBON PROPERTIES

Ink melting point: 77°C
 Polyester film thickness: 4.5µm
 Friction coefficient: <0.045



Total ribbon thickness: <9µm
 Tearing resistance: >200N/mm²
 Transmission density: 0.65 mini

PRINTING PROPERTIES

Maximum printing speed: 24 IPS

	Non Coated Paper	Coated Paper	PET	PP	PE	PVC
Compatibility	no	no	✓	✓	✓	no
Image density	-	-	2.00	1.80	1.54	-

Image Resolution for Film:

Minimum Size:

- For the line: 0.1mm
- For the characters: 1.0mm

DURABILITY OF PRINTED IMAGE

TESTS

Smear + heat (30°C):
*Smear with cardboard
 (weight 1kg – 50 back and forwards)*

Heat (120°C):
Heat gradient 3,6kgF/cm²

Scratch:
50 back and forwards with a rub tester

Light:
Xenon lamp at 650W/m²

Water:
24 hours in water

RESULTS

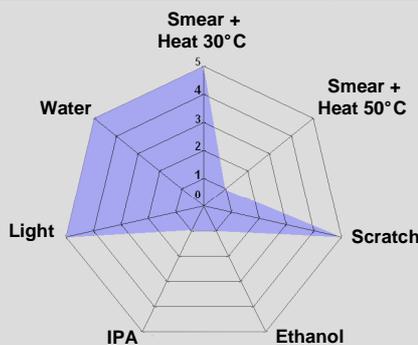
ANSI > B

No ink on the cotton fabric

ANSI > B

ANSI A

ANSI A



B130ED Durability:

5: No damage (Good)

0: Erased (Bad)

■ B130ED with film

Note: These performances are for guidance only. Results are obtained with adapted receiving material and optimum print conditions (Ricoh test method).