

B110A

Extreme Durable

Wax-Resin • Flat head



- The reference on the market since 1987
- Good heat resistance up to 120°C
- Superior smear resistance
- Applicable to a wide range of receiving labels: paper, coated paper, PET/PP/PE/PVC films...
- Ricoh's unique coating on the back allows reliable and superior matching qualities with the thermal head

PRINTING PROPERTIES

Maximum printing speed 10 IPS

	Non top-coated paper	Top-coated paper	PET	PE
Compatibility	✓	✓	✓	✓
Image density	1.46	1.72	1.73	1.68

Note: Smoothness Bekk for paper family must be over 200s.

Image resolution for paper & film:

Minimum size: - For the lines: 0.1mm - For the characters: 1.0mm

RIBBON PROPERTIES

- Total ribbon thickness: < 9 µm
- Polyester film thickness: 4.5 µm
- Friction coefficient: < 0.035
- Ink melting point: 84°C
- Tearing resistance: > 200N/mm²
- Transmission density: 1.00 mini

CERTIFICATES/ DIRECTIVES

TSCA ✓ Toxic Substance Control Act	RoHS ✓ Restriction of Hazardous Substances	WEEE ✓ Waste Electrical & Electronic Equipment	REACH ✓ Chemical & Environment	(EC) 1935/2004 ✓ Regulation (EC) No. 1935/2004
ISO EN71-3 ✓ European Standard EN71	2003/11/EC ✓ Directive 2003/11/EC	2000/53/EC ✓ Directive 2000/53/EC	76/769/EEC ✓ Directive 76/769/EEC	

Application



Tags



Logistic/Storage Shipping



Healthcare



Multi purpose label



Food ingredient

GENERAL CONDITION

Usage conditions: 5 to 35°C at 30 to 85% of relative humidity.

Storage conditions: Keep indoors avoiding high temperature, high humidity, and direct sunlight.

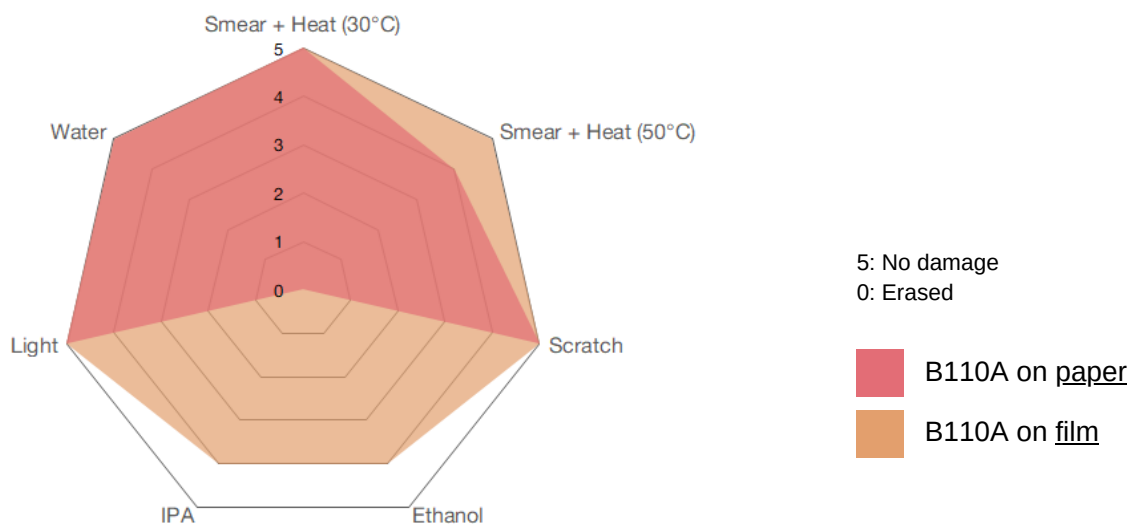
Storage life: 24 months after production.

RICOH
imagine. change.

PRINTED IMAGE DURABILITY

TESTS	RESULT
Smear + heat 50°C	ANSI A
Smear with cardboard (weight 1kg - 50 back & forwards)	
Heat (120°C)	No ink on the cotton fabric
Heat gradient 3.6kgF/cm ²	
Scratch	ANSI A
50 back and forwards with a rub tester	
Light	ANSI A
Xenon lamp at 650W/m ²	
Water	ANSI A
24 hours in water	

B110A DURABILITY



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

IMS DIVISION

RICOH (THAILAND) LTD

341 Onnuj Road, Prawet, Prawet, Bangkok 10250, Thailand

Tel: 02-088-8888

Email: RTHIMS@Ricoh.co.th Website: www.ricoh.co.th

* Specifications are subjected to change without notice.

* The color(s) of the actual product may vary from the color(s) shown in this datasheet



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