

# 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.

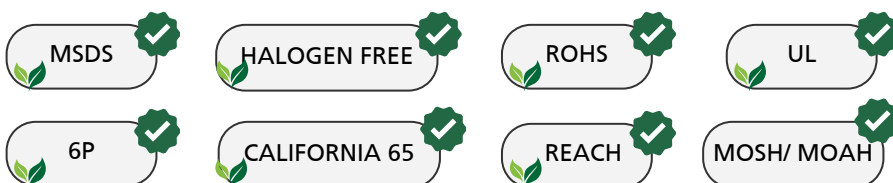
Image resolution for paper & film:

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/mm<sup>2</sup>
- Transmission density: 1.00 mini

## CERTIFICATES/ COMPLIANCE



## Application



Tags



Logistic/Storage  
Shipping



Healthcare



Multi purpose  
label



Food  
ingredient



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## 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.

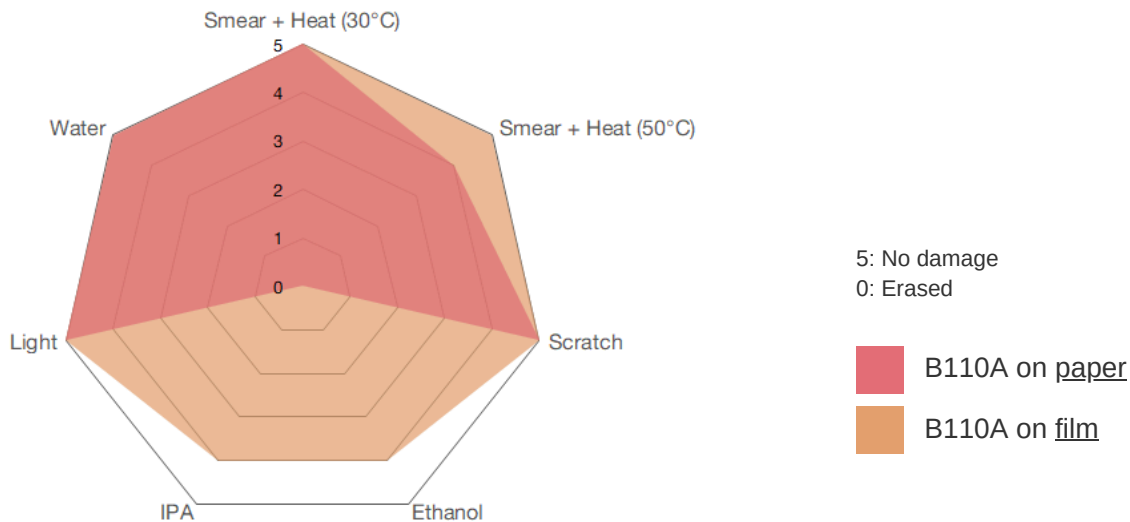
*Storage life:* 24 months after production.

**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 <sup>2</sup>	
Scratch	ANSI A
50 back and forwards with a rub tester	
Light	ANSI A
Xenon lamp at 650W/m <sup>2</sup>	
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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