

B110TI

Wax-Resin • Flat head

Standard

- Higher heat resistance up to 110°C
- Good scratch and smear resistance
- Applicable to a wide range of receiving labels: paper, top-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	PP	PVC
Compatibility	✓	✓	✓	✓	✓	✓
Image density	1.43	1.92	1.88	1.87	1.98	1.83

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) 1935/2004
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Application



Tags



Storage/
Shipping



Multi purpose
label



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GENERAL CONDITION

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

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

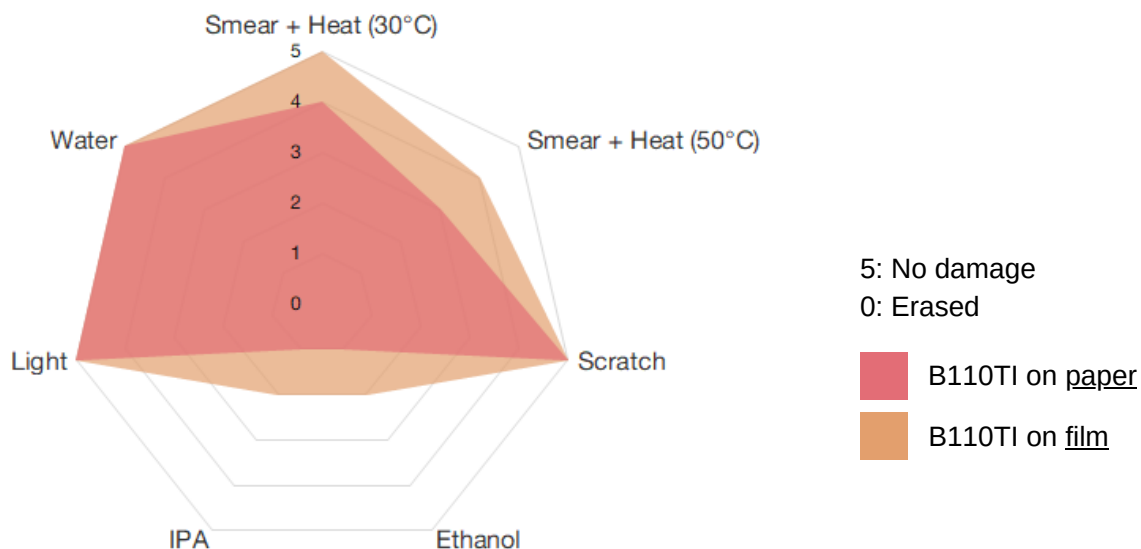
Storage life: 12 months after slitting day.

RICOH
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PRINTED IMAGE DURABILITY

TESTS	RESULT
Smear + heat 30°C	ANSI A
Smear with cardboard (weight 1kg - 50 back & forwards)	
Heat (110°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	

B110TI DURABILITY



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

