RICOH
imagine. change.

B110TI

Economical

Wax-Resin • Flat head

- 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/mm^2
- 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

Application

Tags

Storage/ Shipping

Multi purpose label

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.
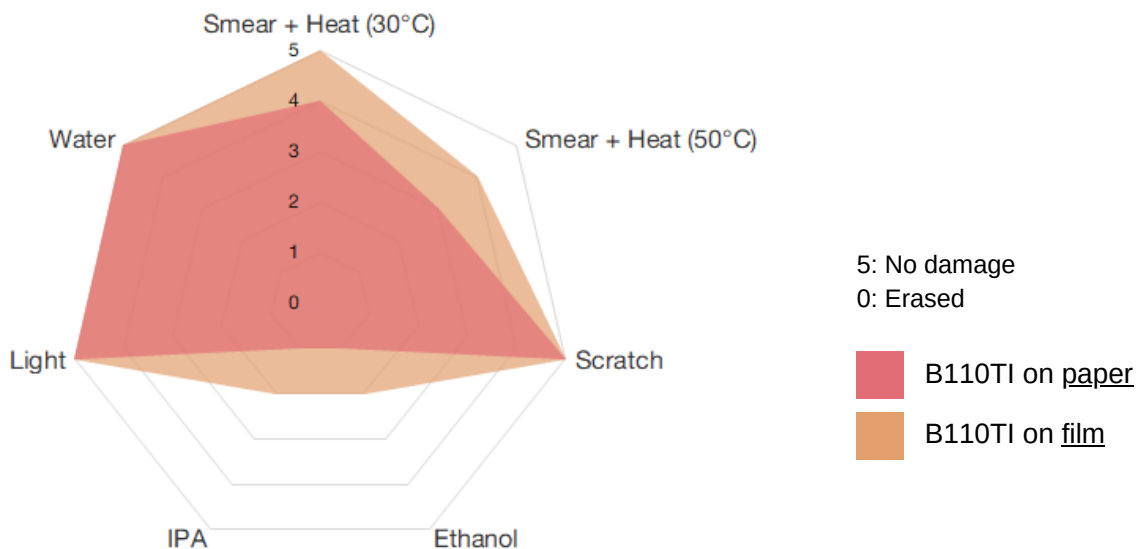*Storage life*: 24 months after slitting day.

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/cm²	
Scratch	ANSI A
50 back and forwards with a rub tester	
Light	ANSI A
Xenon lamp at 650W/m²	
Water	ANSI A
24 hours in water	

B110TI DURABILITY

5: No damage
0: Erased

B110TI on <u>paper</u>
B110TI on <u>film</u>

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