

B110CU

Resin • Flat head

Strong durability

- Very high heat resistance up to 250°C
- Ultra chemical and solvent resistance
- Usage on dedicated receiving materials - Ricoh's receiving film type RFR/RFR-W
- Ricoh's unique coating on the back allows reliable and superior matching qualities with the thermal head

PRINTING PROPERTIES

Maximum printing speed 3 IPS

	Non top-coated paper	Top-coated paper	Recommended white PET	Recommended white PP	Recommended silver PP
Compatibility	✗	✗	✓	✓	✓
Image density	-	-	1.65	1.81	1.68

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: < 0.050
- Ink melting point: 112°C
- Tearing resistance: > 200N/mm²
- Transmission density: 0.65 mini

CERTIFICATES/ DIRECTIVES

 TSCA Toxic Substance Control Act	 RoHS Restriction of Hazardous Substances	 WEEE Waste Electrical & Electronic Equipment	 REACH Chemical & Environment	 BS 5609 Section III Certification BS 5609 Section III
 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



Automotive



Electronics



Chemical



Healthcare



Heat resistance

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.

RICOH
imagine. change.

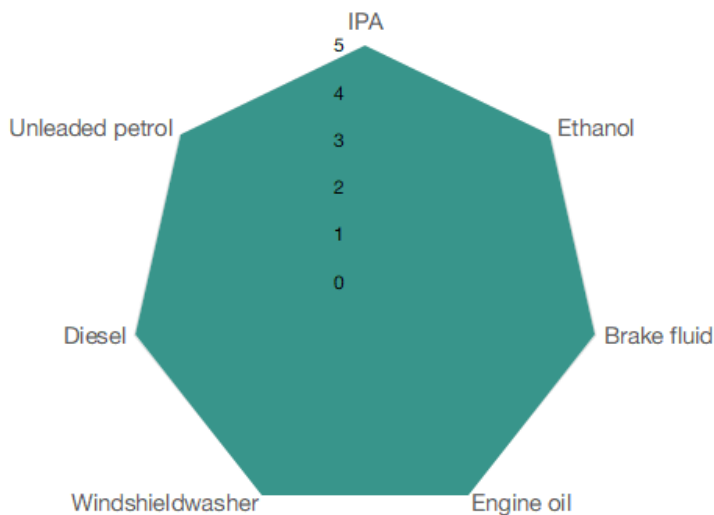
PRINTED IMAGE DURABILITY

TESTS	RESULT	B110CU with standard matt white polyester
Smear + heat 100°C	ANSI A	Engine oil 250
Smear with cardboard (weight 1kg - 50 back & forwards)		Brakefluid 250
Heat (250°C)	No ink on the cotton fabric	Toluene 250
Heat gradient 3.6kgF/cm ²		Xylene 250
Scratch	ANSI A	Thinner 250
50 back and forwards with a rub tester		Acetone 250
Light	ANSI A	IPA 250
Xenon lamp at 650W/m ²		Ethanol 250
Water	ANSI A	
24 hours in water		

Back & forwards until beginning of erase

Note: The above features can be achieved only when used with Ricoh's receiving film type RFR/RFR-W

B110CU DURABILITY



5: No damage
0: Erased

 B110CU with dedicated white polyester

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



Scan to visit product's page