RICOH
imagine. change.

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 / COMPLIANCE

MSDS HALOGEN FREE ROHS UL

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.

PRINTED IMAGE DURABILITY

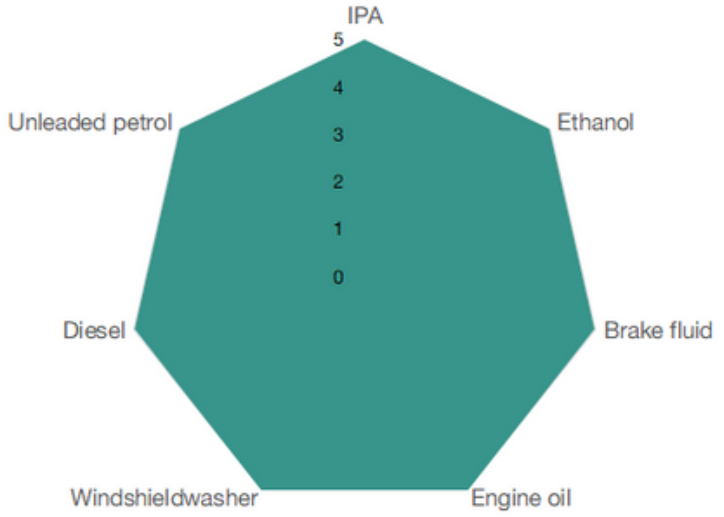
TESTS	RESULT
Smear + heat 100°C Smear with cardboard (weight 1kg - 50 back & forwards)	ANSI A
Heat (250°C) Heat gradient 3.6kgF/cm²	No ink on the cotton fabric
Scratch 50 back and forwards with a rub tester	ANSI A
Light Xenon lamp at 650W/m²	ANSI A
Water 24 hours in water	ANSI A

Engine oil	250
Brakefluid	250
Toluene	250
Xylene	250
Thinner	250
Acetone	250
IPA	250
Ethanol	250

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)

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