

B120CG

STANDARD

NEW

Resin • Flat-Head

- Extreme heat resistance up to 290°C.
- Good scratch and heat resistance.
- Applicable to a wide range of synthetic materials: PET/PP.
- Ricoh's unique coating on the back allows reliable and superior matching qualities with the thermal head.

RIBBON PROPERTIES

- Total ribbon thickness: < 9 µm
- Polyester film thickness: 4,5 µm
- Friction coefficient: < 0,050
- Ink melting point: 97°C
- Tearing resistance: > 200N/mm²
- Transmission density: 1,00 mini



Heat resistant



Electronics

CERTIFICATIONS / DIRECTIVES

- TSCA (Toxic Substances Control Act)
- RoHS
- WEEE
- 2003/11/EC
- 2000/53/EC
- REACH



For any other request, please feel free to contact sales.ttr@ricoh-industrie.fr

GENERAL CONDITIONS

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

Storage life: 24 months after slitting day.

Storage conditions: Keep indoor avoiding high temperature (such as beside a heat source), high humidity, direct sun light.

RICOH
imagine. change.

PRINTING PROPERTIES

Maximum printing speed 8 IPS

	Non coated paper	Coated paper	PET	PP
Compatibility	X	X	✓	✓
Image density	-	-	1,39	1,33

Note: Smoothness Bekk for paper family must be over 200s.

Image resolution for paper & film:

Minimum size: - For the lines: 0.1mm

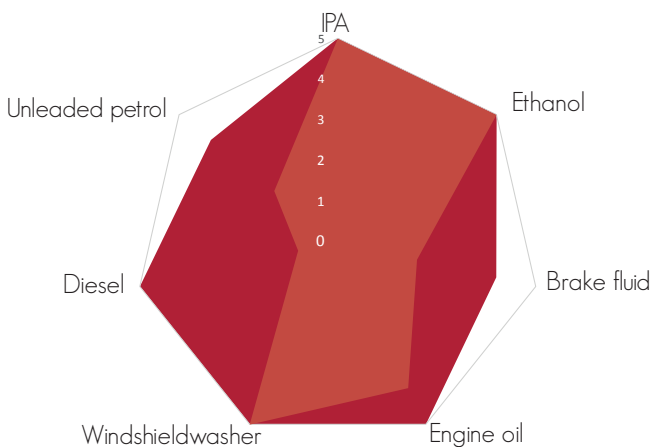
- For the caracters: 1.0mm

PRINTED IMAGE DURABILITY

TESTS	RESULTS	B120CG on white PET
Smear + heat 100°C Smear with carboard (weight 1kg - 50 back & forwards)	ANSI A	
Heat (290°C) Heat gradient 3,6kgF/cm ²	No ink on the cotton fabric	
Scratch 50 back and forwards with a rub tester	ANSI A	
Light Xenon lamp at 650W/m ²	ANSI A	
Water 24 hours in water	ANSI A	Back & forwards until a beginning of erase

- August 2017

B120CG DURABILITY



5 : no damage

0 : erased

B120CG with standard white polyester

B120CG with specific* polyester

* dedicated to solvent resistance