

B120EX

Premium

Wax-Resin • Near Edge

- Good heat resistance up to 110°C
- Applicable to a wide range of receiving labels: paper, 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 -coated paper	Coated paper	PET	PE	PP	PVC
Compatibility	✓	✓	✓	✓	✓	✓
Image density	1.85	1.85	1.74	2.05	1.80	1.87

Image resolution for paper:

Minimum size: For the lines: 0.2mm
For the characters: 1.5mm

Image resolution for film

Minimum size: For the lines: 0.2mm
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

<p>TSCA ✓</p> <p>Toxic Substance Control Act</p>	<p>RoHS ✓</p> <p>Restriction of Hazardous Substances</p>	<p>WEEE ✓</p> <p>Waste Electrical & Electronic Equipment</p>	<p>REACH ✓</p> <p>Chemical & Environment</p>	<p>(EC) 1935/2004 ✓</p> <p>Regulation (EC) No. 1935/2004</p>
<p>ISO EN71-3 ✓</p> <p>European Standard EN71</p>	<p>2003/11/EC ✓</p> <p>Directive 2003/11/EC</p>	<p>2000/53/EC ✓</p> <p>Directive 2000/53/EC</p>	<p>76/769/EEC ✓</p> <p>Directive 76/769/EEC</p>	

Application



Tags



Logistic/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.

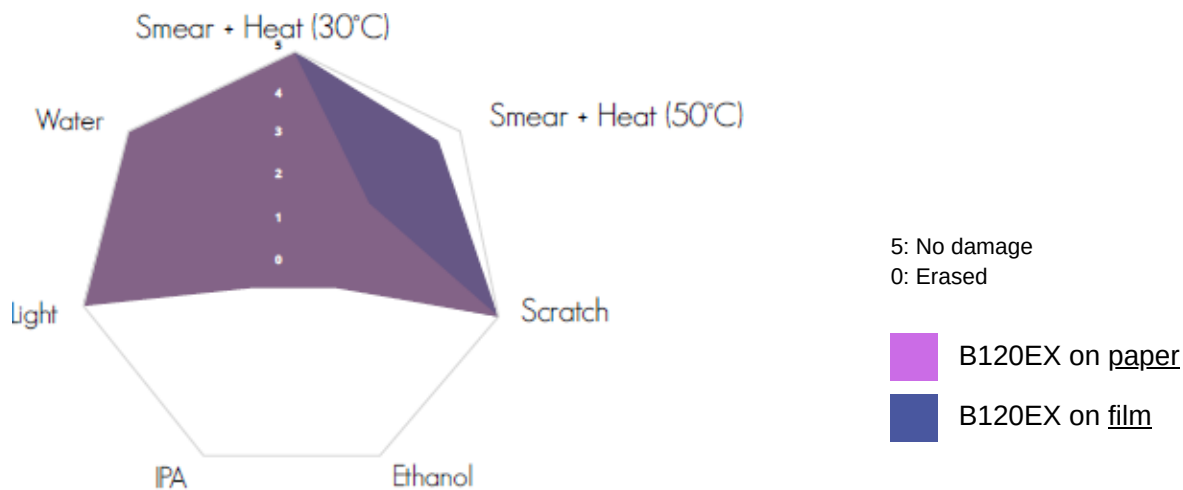
Storage life: 24 months after production.

RICOH
imagine. change.

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	

B120EX DURABILITY



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

IMS DIVISION

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* Specifications are subjected to change without notice.

* The color(s) of the actual product may vary from the color(s) shown in this datasheet



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