RICOH
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D110C
Premium

Resin • Flat head • Near edge

- Printing on receiving cloths (nylon, polyester, acetate).
- Superior ironing resistance at temperature up to 150°C.
- The printed image is very resistant to water washing, dry cleaning, stone wash and bleach.
- Higher sensitivity and image density
- Ricoh's unique coating on the back allows reliable and superior matching qualities with the thermal head.

Application

Cloth care label

PRINTING PROPERTIES

Maximum printing speed 6 IPS

	Nylon	Polyester satin	Acetate
Compatibility	✓	✓	✓
Image density	1.79	1.57	1.55

Image resolution for paper & film:
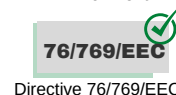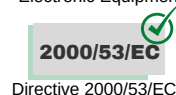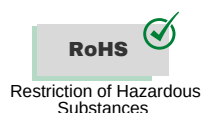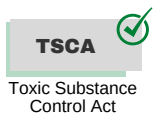Minimum size: - For the lines: 4.0 mm   - For the characters: 1.0mm

RIBBON PROPERTIES

- Total ribbon thickness: < 9 µm
- Polyester film thickness: 4.5 µm
- Friction coefficient: < 0.045

- Ink melting point: 83°C
- Tearing resistance: > 200N/mm²
- Transmission density: 1.40 mini

CERTIFICATES/ DIRECTIVES

TSCA ✓	RoHS ✓	WEEE ✓	REACH ✓
Toxic Substance Control Act	Restriction of Hazardous Substances	Waste Electrical & Electronic Equipment	Chemical & Environment
ISO EN71-3 ✓	2003/11/EC ✓	2000/53/EC ✓	76/769/EEC ✓
European Standard EN71	Directive 2003/11/EC	Directive 2000/53/EC	Directive 76/769/EEC

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For other certification, please feel free to contact us via email: thermal@ricoh.com.vn

GENERAL CONDITION

Usage conditions: 5 to 35°C at 30 to 85% of relative humidity.
Storage conditions: Keep indoor avoiding high temperature (such as beside a heat source), high humidity, direct sunlight.
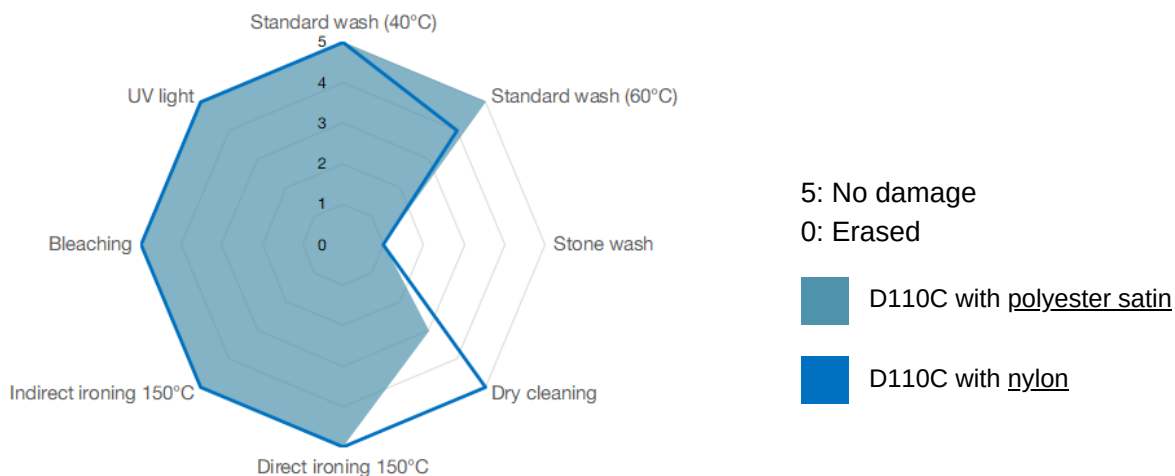*Storage life*: 12 months after slitting day.

PRINTED IMAGE DURABILITY

TESTS with standard nylon care labels	RESULTS
Standard wash 25 washing at 40°C during 45 min • Test ISO C06A1M	ANSI > B
Standard wash 25 washing at 60°C during 45 min • Test ISO C06A1M	ANSI > B
Stone wash 1 time	ANSI > C
Dry cleaning 5 times	ANSI > B
Direct & indirect ironing (150°C) 20 back and forwards	ANSI > B
Bleaching diluted to 5% during 2h	ANSI > B
Light Xenon lamp at 650W/m² during 1 month	ANSI > B

D110C DURABILITY

5: No damage
0: Erased

D110C with <u>polyester satin</u>

D110C with <u>nylon</u>

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

* Specifications are subjected to change without notice.
* The color(s) of the actual product may vary from the color(s) shown in this datasheet