

D110C

Flat head

Textil

Black

FEATURES

- 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 AREA



Cloth care labels

GENERAL CONDITIONS

Usage conditions: 5 to 35°C with 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.

CERTIFICATES / REGISTRATIONS / DIRECTIVES

- TSCA (Toxic Substances Control Act)
- RoHs
- WEEE
- 2003/11/EC
- 2000/53/EC
- 76/769/EEC
- ISO EN71-3
- REACH



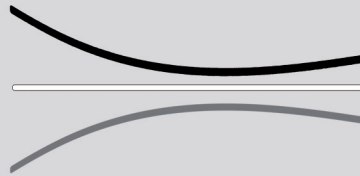
For other directives, please contact us.

RIBBON PROPERTIES

Ink melting point: 83°C

Polyester film thickness: 4.5µm

Friction coefficient: < 0.045



Total ribbon thickness: < 9µm

Tearing resistance: > 200N/mm²

Transmission density: 1.40mini

PRINTING PROPERTIES

Maximum printing speed: 6IPS

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

Image resolution for nylon and polyester satin:

Minimum size: - For care symbols: 4.0mm
- For the characters: 1.0mm

DURABILITY OF PRINTED IMAGE

TESTS with standard nylon care labels

Standard washing

25 washing at 40°C during 45 min
Test ISO C06A1M

Standard washing

25 washing at 60°C during 45 min
Test ISO C06A1M

Stone wash

1 time

Dry cleaning

5 times

Direct and Indirect Ironing (150°C)

20 back & forwards

Bleaching

diluted at 5% during 2h

Light

Xenon lamp at 650W/m² during
1 month

RESULTS

ANSI > B

ANSI > B

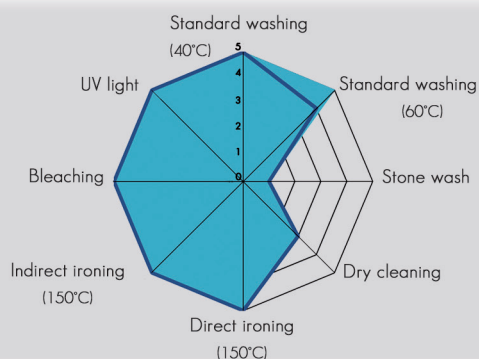
ANSI > C

ANSI > B

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ANSI > B



D110C durability

5: No damage (Good)

0: Erased (Bad)

■ D110C with nylon

■ D110C with polyester satin

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