

D110A

Flat Head

Near Edge

Resin

Black

D110A Thermal Transfer Ribbon



FEATURES

- Printing on receiving cloths (nylon, polyester, acetate).
- Superior ironing resistance at temperature up to 150°C .
- Durable printing image against water washing, dry cleaning, stone wash & chemical washing.
- Ricoh's unique coating on the back allows reliable and superior matching qualities with the thermal head.

APPLICATION AREAS



Care Labels

RIBBON ALSO AVAILABLE IN:



Blue: D210A



Red: D310A

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-in-door, avoiding high temperature (such as beside heat source), high humidity, direct sun light...

CERTIFICATES / REGISTRATION / DIRECTIVES

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

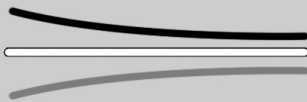


For other directives, please contact us.

RICOH

RIBBON PROPERTIES

Ink melting point: 83°C
 Polyester film thickness: 4.5µm
 Friction coefficient: <0.050



Total ribbon thickness: <9µm
 Tearing resistance: >200N/mm²
 Transmission density: 0.65 mini

PRINTING PROPERTIES

Maximum printing speed: 6 IPS

	Nylon	Polyester Satin	Acetate
Compatibility	✓	✓	✓
Image density	1.42	1.47	1.33

Image Resolution for Nylon and Polyester Satin:

- Minimum Size:*
- For the care symbol: 4.0mm
 - For the characters: 1.0mm

DURABILITY OF PRINTED IMAGE

TESTS WITH STANDARD NYLON CARE LABELS:

RESULTS

Standard wash (40°C):
 Test ISO C06A1M

ANSI > B

Standard wash (60°C):
 Test ISO C06A1M

ANSI > B

Stone wash:

ANSI > C

Dry Cleaning:

ANSI > B

Ironing Direct and Indirect (150°C):

ANSI > B

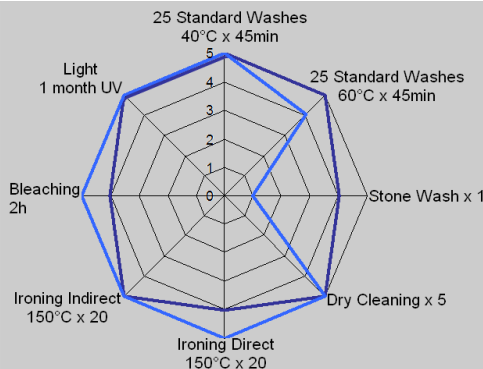
Bleaching (5%):

ANSI > B

Light:

ANSI > B

Xenon lamp at 650W/m²



D110A Durability:

5: No damage (Good)

0: Erased (Bad)

■ D110A with Nylon

■ D110A with Polyester Satin

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