

D110C

(For Flat Head Printers)

Thermal Transfer Ribbon Product Information

RESIN SPECIALTY (For Textile Applications)

Last update:
Sep. 2023
Ref: PS-1795 (Rev. 3)

RICOH
imagine. change.

RIBBON PROPERTY

- Base Material
- Base Thickness (μm)

Polyester film
4.5 ± 0.4

INK PROPERTY

- Ink Color

Black

IMAGE PROPERTY

- Image Density

Min. 1.6 (nylon)
Min. 1.4 (polyester)
Min 1.2 (acetate)
Min. ANSI B

- Image Resolution

IMAGE DURABILITY

- Ironing Resistance
- Smear Resistance (wet)
- Washing Resistance (water 5 times)

- Washing Resistance (dry 5 times)

- Bleach Resistance

- Sweat Resistance

GD max. 0.07 (background image density w/direct and indirect ironing 10x)
Image not changed after rubbing 10x
ID min 1.20 (nylon)
ID min 0.95 (polyester)
ID min 0.75 (acetate)
ID min 1.25 (nylon)
ID min 1.20 (polyester)
ID min 1.00 (acetate)
ID min 1.50 (nylon)
ID min 1.25 (polyester)
ID min 1.10 (acetate)
ID min 1.40 (nylon)
ID min 1.20 (polyester)
ID min 1.00 (acetate)

ID(GD): The differences in image (ground) density resulting from the “before test” and “after test”
**All tests specifications are based on Ricoh's standard test methods.*

USAGE ENVIRONMENT:

5 ~ 35°C (41 ~ 95°F), 30 ~ 85%RH

STORAGE CONDITIONS:

Keep indoors, away from high temperatures, high humidity and direct sunlight. Keep master rolls hanging horizontally.

GUARANTEE PERIOD:

*Finished rolls: 4 years after coating

FEATURES:

- Printable on receiving cloths (nylon, polyester and acetate) and films
- Super smear resistance up to 150°C (302°F); no blurring of image occurs from ironing
- Print images are highly durable against water and dry cleaning
- Superior thermal head matching qualities using Ricoh's unique back-side coating

The above data represents product averages, allowing for industry accepted variances. These products should be tested in the end-use conditions to ensure that they meet the requirements of the specific application. Specifications may change without notice.

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