

D110C

(For Flat Head Printers)

Thermal Transfer Ribbon Product Information

RICOH
imagine. change.

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Ref: PS-1795 (Rev. 1)

RESIN SPECIALTY (For Textile Applications)

RIBBON PROPERTY

- Base Material
- Base Thickness (μm)

Polyester film
4.5 ± 0.4

INK PROPERTY

- Ink Color
- Ink Transparency

Black
More than 0.65 ~ 1.65

IMAGE PROPERTY

- Image Density

Min. 1.2 (nylon)
Min. 0.8 (polyester)
Min 1.0 (acetate)
Min. ANSI B

- Image Resolution

IMAGE DURABILITY

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

GD max. 0.07 (background image density w/direct and indirect ironing 10x)
Image not changed after rubbing 10x
ID min 1.20 (nylon)

- Washing Resistance (dry 5 times)

ID min 0.95 (polyester)
ID min 0.75 (acetate)
ID min 1.25 (nylon)

- Bleach Resistance

ID min 1.20 (polyester)
ID min 1.00 (acetate)
ID min 1.50 (nylon)

- Sweat Resistance

ID min 1.25 (polyester)
ID min 1.10 (acetate)
ID min 1.40 (nylon)

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.*

ID min 1.20 (polyester)
ID min 1.00 (acetate)

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:

2 years after manufacturing

*Master rolls:

1 year 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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