

# D110A

## RESIN THERMAL TRANSFER RIBBON

For Flat-Head and  
Near-Edge Printers

Specifications may change without notice.  
Last Update: May 2026  
Ref: PS-1794 (Rev. 5)



**RICOH**  
imagine. change.

## PRODUCT 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

## APPLICATION AREAS

- Garment and Textile

## 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.

## RIBBON PROPERTIES

**Base Material** Polyester film  
**Base Thickness** 4.5 ± 0.4 μm

## GUARANTEE PERIOD

Finished Rolls: 4 years after manufacturing

## CONTACT US

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## INK PROPERTIES

**Ink Color** Black  
**Ink Transparency** More than 0.65 ~ 1.65

## IMAGE PROPERTIES

**Image Density**  
Nylon Min. 1.2  
Polyester Min. 0.8  
Acetate Min. 1.0

**Ironing Resistance** GD max. 0.07 (direct, covered with cloth)

**Smear Resistance (dry, wet)** GD max. 0.07 (direct, covered with cloth)

**Washing Resistance (water)**  
Nylon ID Min. 1.0 ANSI B  
Polyester ID Min. 0.6  
Acetate ID Min. 0.7

**Bleach Resistance**  
Nylon ID Min. 1.0 ANSI B  
Polyester ID Min. 0.6  
Acetate ID Min. 0.8

**Sweat Resistance**  
Nylon ID Min. 1.0 ANSI B  
Polyester ID Min. 0.6  
Acetate ID Min. 0.8

\*All test specifications are based on Ricoh's standard test methods. 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.