

# D110A

**Resin for flat head  
and near edge**



## FEATURES

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



**ALSO AVAILABLE  
IN BLUE AND RED**

## RECOMMENDED APPLICATIONS

- Care Labels
- Cloth Labels

# RICOH

**THERMAL TRANSFER RIBBON**

**D110A**

## TTR PROPERTIES

Grade	Resin
Base material	Polyester film
Base caliper	4.5 +/-0.4µm
Ink colour	Black

## PRINTING PROPERTIES

Image density	
<i>Nylon</i>	More than 1.2
<i>Polyester</i>	More than 0.8
<i>Acetate</i>	More than 1.0
Receiving materials	Cloths (nylon, polyester, acetate)

## DURABILITY OF PRINTED IMAGE

Smear resistance to heat (with iron : 150°C)	
Direct, Indirect <sup>2</sup> heating	ΔGD <sup>3</sup> *0.07 (nylon <sup>1</sup> , polyester, acetate) Decodability ANSI more than B (nylon <sup>1</sup> )
Smear resistance to rubbing	
At dry, wet condition	ΔGD <sup>3</sup> *0.07 (nylon <sup>1</sup> , polyester, acetate) Decodability ANSI more than B (nylon <sup>1</sup> )
Smear resistance to washing	
Water, trichloroethane, naphta, tetrachloroethylene	Image density : More than 1.0 Decodability ANSI more than B (nylon <sup>1</sup> )
	Image density : More than 0.6 (polyester)
	Image density : More than 0.7 (acetate)

Usage condition : 5~35°C, 30~80%RH  
 Storage condition : 5~35°C, 30~85%RH  
 Storage life : 48 months after manufacturing date

\* : RICOH standard test method  
<sup>1</sup> : Ricoh recommended receiving materials RC001  
<sup>2</sup> : Covered with an intermediate cloth  
<sup>3</sup> : ΔGround density

## CERTIFICATES / REGISTRATION / EU DIRECTIVES



- OEKOTEX Criteria
- Directive 2002/61/EC
- Directive RoHS
- Directive WEEE
- Directive 2003/11/EC
- Directive 2000/53/EC

For other directives, please contact us

# RICOH