

# Near-edge - Flat head Resin



# D110

print. care.

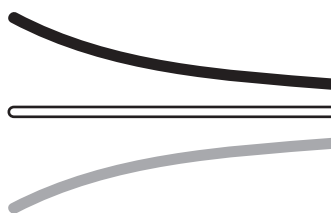
- ▶ Printing on receiving cloths (nylon, polyester, acetate).
- ▶ Superior ironing resistance at temperature up to 150°C.
- ▶ The printed image is very resistant to water washing, dry cleaning, stone wash and bleach.
- ▶ Ricoh's unique coating on the back allows reliable and superior matching qualities with the thermal head.

## ▶ RIBBON PROPERTIES

Total ribbon thickness: < 9µm

Polyester film thickness: 4.5µm

Friction coefficient: < 0.050



Ink melting point: 83°C

Tearing resistance: > 200N/mm<sup>2</sup>

Transmission density: 0.65 mini

## ▶ 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 indoor avoiding high temperature (such as beside a heat source), high humidity, direct sun light.

## ▶ CERTIFICATES / REGULATIONS / DIRECTIVES

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



## ▶ PRINTING PROPERTIES

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

Maximum printing speed 6 IPS

Image resolution for paper & film:

Minimum size:

- For the lines: 4.0mm

- For the characters: 1.0mm

## ▶ DURABILITY OF PRINTED IMAGE

TESTS with standard nylon care labels	RESULTS
Standard wash 25 washing at 40°C during 45 min Test ISO C06A1M	ANSI > B
Standard wash 25 washing at 60°C during 45 min Test ISO C06A1M	ANSI > B
Stone wash 1 time	ANSI > C
Dry cleaning 5 times	ANSI > B
Direct & indirect ironing (150°C) 20 back and forwards	ANSI > B
Bleaching diluted to 5% during 2h	ANSI > B
Light Xenon lamp at 650W/m <sup>2</sup> during 1 month	ANSI > B

## ▶ D110A DURABILITY

