FEATURES

- Printing on receiving cloths (nylon, polyester, acetate).
- Superior ironing resistance at temperature up to 150°C.
- Durable printing image against water washing, dry cleaning, stone wash & chemical washing.
- Ricoh’s unique coating on the back allows reliable and superior matching qualities with the thermal head.

APPLICATION AREAS

<table>
<thead>
<tr>
<th>CARE LABELS</th>
<th>RIBBON ALSO AVAILABLE IN:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Care Labels</td>
<td>Blue: D210A</td>
</tr>
<tr>
<td></td>
<td>Red: D310A</td>
</tr>
</tbody>
</table>

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-in-door, avoiding high temperature (such as beside heat source), high humidity, direct sun light...

CERTIFICATES / REGISTRATION / DIRECTIVES

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

For other directives, please contact us.
RIBBON PROPERTIES

- Ink melting point: 83°C
- Polyester film thickness: 4.5µm
- Friction coefficient: <0.050
- Total ribbon thickness: <9µm
- Tearing resistance: >200N/mm²
- Transmission density: 0.65 mini

PRINTING PROPERTIES

- Maximum printing speed: 6 IPS

<table>
<thead>
<tr>
<th></th>
<th>Nylon</th>
<th>Polyester Satin</th>
<th>Acetate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatibility</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Image density</td>
<td>1.42</td>
<td>1.47</td>
<td>1.33</td>
</tr>
</tbody>
</table>

Image Resolution for Nylon and Polyester Satin:

Minimum Size:
- For the care symbol: 4.0mm
- For the characters: 1.0mm

DURABILITY OF PRINTED IMAGE

TESTS WITH STANDARD NYLON CARE LABELS:

- Standard wash (40°C):
  Test ISO C06A1M
  ANSI > B

- Standard wash (60°C):
  Test ISO C06A1M
  ANSI > B

- Stone wash:
  ANSI > C

- Dry Cleaning:
  ANSI > B

- Ironing Direct and Indirect (150°C):
  ANSI > B

- Bleaching (5%):
  ANSI > B

- Light:
  Xenon lamp at 650W/m²
  ANSI > B

D110A Durability:

- 5: No damage (Good)
- 0: Erased (Bad)

- D110A with Nylon
- D110A with Polyester Satin

Note: These performances are for guidance only. Results are obtained with adapted receiving material and optimum print conditions (Ricoh test method).