A single rewritable IC tag sheet completely changes your workflow!

RECO-View™ IC Tag Series

- Rewritable viewing system for easy printing and erasing
- Black printing for high legibility
- Maximum A4 size for displaying lots of data
- High durability with little bending and staining

Reco-View IC Tag Series Main Specifications (for A4 and A5 sheets)

Material 125 µm white PET film (* total thickness: approx. 170 µm)
Color Black
Color density Optical density of 1.1 or higher (* supporting barcode recognition)
Durability for reuse Approx. 1000 times (* based on standard Ricoh operating environment)
IC standard Compliant with ISO18000-3 MODE1
Printable/erasable area All areas except IC tag section
* Please contact Ricoh for information about products in other sizes or supporting other IC standards.

Printing on the sheet requires a rewritable printer that supports RFID.

Reference Printer Specifications (*Varies depending on printer type)

<table>
<thead>
<tr>
<th>Item</th>
<th>Reference specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>300 dpi</td>
</tr>
<tr>
<td>Print/Erase speed</td>
<td>50 mm/sec or faster</td>
</tr>
<tr>
<td>Supported media size</td>
<td>A4 max.</td>
</tr>
<tr>
<td>Media stack size</td>
<td>20 to 50 sheets</td>
</tr>
<tr>
<td>Compatible IC standards</td>
<td>ISO 18000-3 Mode 1</td>
</tr>
</tbody>
</table>

Please contact Ricoh for a list of suitable manufacturers and models for your specific environment.

For further information please contact

RICOH COMPANY LTD.
Head Office of Industrial use
3-3 Shinkyo-Hana, Edogawabashi
Shinkyo-Haka, 231-0004, Japan
Phone: +81-45-477-1620, Fax: +81-45-477-1622
URL: http://www.ricoh.com/thermal/product/tr/

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IC tag data can now be displayed and rewritten on a sheet. With visualization of digital data, workflow is dramatically improved!

The RECO-View™ IC tag series is a new product line combining IC tags with rewriting capability. It features visualization of IC tag data, rewriting capability at any time, and reusability for lower costs and environmental burden. It can even be used with existing bar code systems. This automatic recognition and visualization enables efficient and reliable realtime management and improved work processes.

Case 1 Eliminating human error in plant process management

Rewritable IC tag sheets can be used for process management tags on production lines.

Example: Usage in toner filling line at the Ricoh Numazu plant.

Current issues
- Process information in electronic forms is difficult to confirm at the site.
- If information is changed at the last minute, it is not fully conveyed to the site.
- A wrong materials tank is installed, resulting in cleaning work and据此 stoppage harms productivity.
- Difficulty in inspection and confirmation when conditions change.

Problems resolved with the RECO-View IC tag sheet
- IC tag information for the toner materials tank is displayed by attaching a rewritable IC tag sheet to the tank. The operator can confirm visually at the site. If the IC tag information is changed, the sheet is automatically rewritten by a rewritable printer.
- Elimination of human error by displaying information in realtime without requiring separate data entry.
- Sheet recycling for reduced environmental burden.

Case 2 Eliminating human error at medical health exam centers

Rewritable IC tag sheets can be used for exam tags in health exams.

Example: Usage at a health exam center.

Current issues
- Since many people receive health exams, errors can occur with the exam data.
- A smooth flow of patients is preferred to avoid concentration in a single location.
- Reading of IC tags is time-consuming.
- Reading errors can occur in the picking process with only visual confirmation.
- If an IC tag is unreadable, rechecking of the shipping information is time consuming.

Problems resolved with the RECO-View IC tag sheet
- A rewritable IC tag sheet is given to the patient so the examiner can visually confirm the information at the exam site. After the exam, the sheet is automatically rewritten by a rewritable printer.
- Elimination of human error by displaying exam information in realtime.
- IC tag information is managed for providing optimal guidance to patients.
- Sheet recycling for reduced environmental burden.

Case 3 Higher efficiency in distribution, shipping, and receiving processes

Rewritable IC tag sheets can be used for shipping instructions between a distribution center and plant.

Current issues
- Processes from picking to inspection and then shipping are time-consuming when using paper. Shipping instructions printed on paper.
- Mistakes can occur in the picking process with only visual confirmation.
- If an IC tag is unreadable, rechecking of the shipping information is time consuming.
- Finding of picking instructions results in large printing volume and high paper and waste disposal costs.

Problems resolved with the RECO-View IC tag sheet
- Shipping information from the distribution center is written on an IC tag and displayed as shipping information on a rewritable IC tag sheet at the same time. Both system and site.
- After the exam, the sheet is automatically rewritten by a rewritable printer.
- Elimination of human error by displaying exam information in realtime.
- IC tag information is managed for providing optimal guidance to patients.
- Sheet recycling for reduced environmental burden.

Case 4 Enabling traceability in lot units for parts management at plants

Rewritable IC tag sheets can be used for the parts packing tags in plants.

Current issues
- Output of warehouse management data for incoming and outgoing materials is a labor-intensive process.
- Finding parts is a time-consuming process.
- Tracking lots is difficult after a defective parts is found.
- Easy parts searching.
- Recovery of defect parts is impossible based on the checkpoint passage history.

Problems resolved with the RECO-View IC tag sheet
- Rewritable IC tag sheets are used as part packaging tags for streamlining the troublesome process of entering printing and outputting management data. Passing the packaging tags through checkpoints enables traceability in part management.
- Any parts searching.
- Sheet recycling for reduced environmental burden.