RECO-View™ RF Tag Series

A single rewritable RF (IC) tag sheet completely changes your workflow!

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
- **Durability for reuse**: Approx. 1000 times
- **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>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.

**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

Information contained in this leaflet is accurate as of November 2007. Printed in Japan.
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 real-time 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.

**Current issues**
- Processes in electronics are difficult to confirm at the site.
- When information is changed at the last moment, it is not fully conveyed to the site.
- A wrong material tank is installed, resulting in cleaning work and line stoppage harms productivity.
- Confirmation information is time-consuming.
- Re-checking of the shipping information is time-consuming.
- Information for the toner materials tank is displayed by visual confirmation.

**Problems resolved with the RECO-View IC tag sheet**
- Visual information is managed for preventing optimal guidance to patients.
- 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.

**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.
- Information is changed, the sheet is automatically rewritten by a rewritable printer.

**Problems resolved with the RECO-View IC tag sheet**
- Elimination of human error by displaying information in real-time.
- IC tag information is managed for preventing 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.
- Shipping instructions printed on paper.
- Information can occur in the picking process with only visual confirmation.
- If an IC tag is unreadable, re-checking of the shipping information is time-consuming.

**Problems resolved with the RECO-View IC tag sheet**
- IC tag information is displayed on a rewritable IC tag sheet.
- Elimination of human error by displaying exam information in real-time.
- 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 material is a labor-intensive process.
- Tracing in a mass production process.
- Tracking lots is difficult after a defective part is found.

**Problems resolved with the RECO-View IC tag sheet**
- IC tag sheets are used as part packing tags for streamlining the troublesome processes of entering incoming and outgoing management data.
- The packaging tags through checkpoints enables traceability in parts distribution.
- Recovery of defective parts is possible based on the checkpoint passage history.
- Sheet recycling for reduced environmental burden.