Custom designs are available in small lots

FORGE GUARD labels are available in customized designs with relatively low set-up costs. Small volumes of labels can be manufactured cost-effectively because label development and production do not require costly tooling or specialized imaging equipment for customized label production. For details regarding small lot sizes, less than 100,000 pieces, please contact your FUJIFILM representative for specific pricing, availability and lead time information.

Excellent heat and light stability

FORGE GUARD offers amazing high heat and light stability. FUJIFILM laboratory testing confirms that FORGE GUARD labels can withstand temperatures up to 200°C for up to 5 hours and have light stability of 20 years under 500 lux of indirect sunlight. FORGE GUARD labels can be reliably used in a wide range of environments, locations and applications.

How to order

FUJIFILM will work with your security and design professionals to develop the required label design and use specifications to meet your application requirements.

Consultation regarding designs/usage target applications / verification and authentication methodology

FUJIFILM will provide a standard design based on your desired specifications.

Planning of the design and specification

After confirming your design, FUJIFILM will provide a prototype proof for your approval.

Printing/production for verification

FUJIFILM will print and/or produce the desired label design.

Delivery

FUJIFILM will ship the product to you.

Standard Specification

<table>
<thead>
<tr>
<th>Product</th>
<th>Size/Dimension</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label</td>
<td>10 mm x 10 mm</td>
<td>100,000 pcs or more</td>
</tr>
<tr>
<td>Laminating pouch film</td>
<td>80 mm x 95 mm (PET thermal laminating film) / 10 mm x 10 mm (FORGE GUARD affixed)</td>
<td>1,000 pcs or more</td>
</tr>
<tr>
<td>Roll film</td>
<td>12 cm x 100 m / 300 m</td>
<td></td>
</tr>
<tr>
<td>Special viewer</td>
<td>55 mm x 90 mm (inspection window: 20 mm x 20 mm)</td>
<td>10 pcs or more (Supplied in 10-piece kit)</td>
</tr>
</tbody>
</table>
A unique security tool has been developed. The FORGE GUARD full-color covert anti-counterfeit labeling system provides a self-encrypted and highly secure level of counterfeit prevention, offering a simple method for authenticity verification.

FORGE GUARD combines FUJIFILM’s novel imaging technology with highly functional materials and precision manufacturing processing, all of which are at the center of FUJIFILM’s leading edge digital imaging core technology.

The full-color image gives a high level of authenticity verification with the simple aid of a proprietary viewer

A major technology advantage for FORGE GUARD is that the full-color image is virtually impossible to copy due to the wide range of colors, shades and complex high resolution designs. Conventional monochrome technologies lack this versatility and are more vulnerable to existing and emerging duplication technologies.

Easy authenticity verification

FORGE GUARD is a full-color security label classified in a “special filter method” (March 2009). A clear full-color and detailed image appears simply by placing the proprietary viewer directly over the label. FORGE GUARD requires no additional technical or language skills, no capital investment, no additional technologies and no additional costs. Anyone can easily determine the authenticity of an article by inspecting it through the portable viewer.

Flexible label design

1D and now 2D bar coding is increasingly required on product labels for inventory management and traceability functions. FORGE GUARD is fully compatible and combinable with 1D and 2D bar code imaging providing high machine readability of multifunctional labels solving both the needs for product traceability and security. FUJIFILM’s digital imaging technology enables FORGE GUARD to be produced with variable data information such as sequential numbering, serialization, and bar coding.

Examples of applications

Further, FORGE GUARD can be prepared with multiple image capability which can provide additional data storage as well as greater security. FORGE GUARD can be used to satisfy a wide number of applications. In addition to article and document authenticity verification, applications include anti-theft prevention, prohibited entry approval, forgery and falsification prevention and brand protection. Labels can be customized to your specific requirements. FUJIFILM design personnel will work closely with customers to create unique, customer specific label designs. All design and production are carried out in totally secure restricted access sites.