A simple manner to apply liquid inks and other fluid coatings onto any substrate

Use the K Lox Proofers to produce accurate and repeatable proofs that closely resemble conventional flexo printing. These proofers are an essential tool for ink makers and printers alike, ideal for research and development, quality control and presentation samples, and computer color matching data.

Features
- Instant flexo proofs
- Easy to use, easy to clean
- Excellent repeatability
- Reduced press downtime
- Fully interchangeable rollers up to 500 lines per inch
- Manual and automatic versions available

When color counts, count on Grafitec.
A bead of ink (or other fluid coating) is placed between an engraved anilox roll and a rubber roller, as illustrated below. It is essential to have constant pressure between the rollers for consistent prints and this is ensured by two weights. When the K Lox unit is drawn smoothly over the substrate, an accurate ink film is printed, producing a sample up to 4.5"/11.5cm wide. After removing the weights, both rollers are easily cleaned.

Anilox rolls with screens for solid, line and halftone printing may be selected, as required.

### Automatic K Lox Proofer

**Recommended for Ink Formulation**
With just a little practice, the K Lox user is able to produce consistent results with the manual unit. However, where a number of operators may be involved or when the highest degree of repeatability is demanded (for example, when using the prints for computer color matching), the Automatic K Lox Proofer is recommended. This unit eliminates any variation in speed and pressure, and an accurate print is produced every time. The unit operates at variable speeds up to 15m/min.

An air-driven version is available for use in hazardous areas.

### Manual K Lox Proofer

**Recommended for Quality Color Applications**
The Manual K Lox Proofer provides a cost-effective and simple means to proof flexographic inks. It is available as a single unit or may be ordered as a comprehensive system: the K Lox proofer system is complete with three standard engraved anilox rolls, two rubber rollers and a cleaning and storage rack.

**Accessories for K Lox Automatic or Manual Units**
- Cleaning and storage rack for up to six rollers
- Wide-shouldered rubber roller (for use on slippery substrates, such as polyethylene)

### Standard Rollers

<table>
<thead>
<tr>
<th>Type</th>
<th>Screen cells/linear inch</th>
<th>Screen cells/linear cm</th>
<th>Volume cbm/m²</th>
<th>Volume cm³/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>400/5</td>
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<td>160</td>
<td>2.8</td>
<td>4.3</td>
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<tr>
<td>200/12</td>
<td>200</td>
<td>80</td>
<td>6.6</td>
<td>10.2</td>
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<tr>
<td>180/14</td>
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<td>70</td>
<td>10.7</td>
<td>16.6</td>
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<td>140/10</td>
<td>140</td>
<td>55</td>
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<tr>
<td>100/18</td>
<td>100</td>
<td>40</td>
<td>25.2</td>
<td>39.1</td>
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</tbody>
</table>

Other screens and wire-wound rollers can be manufactured to customer specifications.