Plates

Plastic and laser printing plates

- In-House Processing
- Economical System
- Easy to Use
- Standard & Custom Sizes

ITW Trans Tech offers a wide range of economical plastic and laser printing plates to fit the full spectrum of pad printing applications. Each plate material type has valuable features and benefits that make it suitable for specific requirements and operational budgets.

Universal Plates
Standard and custom plate sizes are offered, and all of our Trans Tech printing plates have corresponding punch hole configurations for use on all ITW and non-ITW equipment.
Available Products
- Exposure Unit - #11400019
- Washout Tray - #1413001
- Washout Pad Brush - #1413005
- Washout Liquid R241 - #310020
- UV-Blocking 48" Fluorescent Tube Shield - #1424001
- Synthetic Wipes - #D-833-0002
- Anti-Static Film Cleaner - #1311134
- Screen Film 300 line, 86% Tint: 200 mm x 250 mm - #310016
  200 mm x 500 mm - #310017

Calibration Kits
- BGP - #1410498
- Express-3 - #1410497
- H2Orange - #1410494
- Hydro-Foil - #1410493
- Mist - #1410490
- NBAW - #1410492
- Red Polymer - #1410491

Our plate calibration kits are highly recommended for consistency in your graphic industry standards, enabling accurate exposure unit calibration.

21-Step Grey Scale Test Plates

<table>
<thead>
<tr>
<th>Plate</th>
<th>Cycles*</th>
<th>Color</th>
<th>Depth</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGP Plate</td>
<td>Up to 50,000 cycles</td>
<td>Olive</td>
<td>Variable</td>
<td>Economical; Alcohol washout; low - medium runs.</td>
</tr>
<tr>
<td>Express-3 Plate</td>
<td>Up to 20,000 cycles</td>
<td>Green</td>
<td>27 - 30 microns</td>
<td>No screen exposure required; Alcohol washout; Preferred for fine lines, four-color process, and halftones.</td>
</tr>
<tr>
<td>H2Orange Plate</td>
<td>Up to 15,000 cycles</td>
<td>Orange</td>
<td>Variable</td>
<td>Economical; Water washout; low runs/ sample printing.</td>
</tr>
<tr>
<td>Hydro-Foil Plate</td>
<td>Up to 15,000 cycles</td>
<td>Green</td>
<td>Variable</td>
<td>Economical; Water washout; Open well machines only</td>
</tr>
<tr>
<td>Mist Plate</td>
<td>Up to 100,000 cycles</td>
<td>Green</td>
<td>Variable</td>
<td>Economical; Water washout; Long lasting; Environment friendly.</td>
</tr>
<tr>
<td>NBAW Plate</td>
<td>Up to 50,000 cycles</td>
<td>Green</td>
<td>Variable</td>
<td>No bake; Alcohol washout; Hard.</td>
</tr>
<tr>
<td>PBL Plate</td>
<td>Up to 20,000 cycles</td>
<td>Pale Blue</td>
<td>22 microns</td>
<td>2-sided; CO2 and YAG laser compatibility; High volume, preferred for fine lines.</td>
</tr>
<tr>
<td>Red Polymer Plate</td>
<td>Up to 100,000 cycles</td>
<td>Red</td>
<td>Variable</td>
<td>Best print quality; Alcohol washout; Long lasting.</td>
</tr>
<tr>
<td>StarLight Laser Plate</td>
<td>Up to 20,000 cycles</td>
<td>Green</td>
<td>Variable</td>
<td>Works with other CO2 lasers; Magnetic hold-down backing.</td>
</tr>
</tbody>
</table>

* Actual number of cycles may vary depending on project.
Standard and custom screens are available depending on application.

Plates
- BGP Plate
- Express-3 Plate
- H2Orange Plate
- Hydro-Foil Plate
- Mist Plate
- NBAW Plate
- Red Polymer Plate
- StarLight Laser Plate
- PBL Plate

Exposure

PBL Plates

Don’t Forget to Ask About Our:
- StarLight LPM computer-to-plate, high-quality, laser plate etcher.
- 21-Step Grey Scale Test Plate Kit for making a perfectly etched plate everytime.
- Plate Washout Tray and Supplies
- Plate Maker Exposure Unit