

<b>PROBLEM</b>	<b>PROBABLE CAUSE</b>	<b>SOLUTION</b>
<b>Scumming</b>	<ol style="list-style-type: none"> <li>1. Not enough concentrate.</li> <li>2. Too much concentrate.</li> <li>3. Low alcohol or alcohol substitute.</li> <li>4. Too much ink being carried and squashed over non-image areas.</li> <li>5. Ink is too soft and spreads over non-image areas.</li> <li>6. Too little fountain solution.</li> <li>7. High dampening temperature (low viscosity).</li> <li>8. Dirty, worn dampener sleeve or metering roller.</li> <li>9. Improper dampening settings.</li> <li>10. Improper form roller settings.</li> <li>11. Improper roller durometer.</li> <li>12. Improper plate/blanket packing.</li> <li>13. Glazed blanket.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check dosage, keep at recommended pH and conductivity.</li> <li>2. Check dosage, keep at recommended pH and conductivity.</li> <li>3. Contact your fountain solution manufacturer.</li> <li>4. Reduce ink feed or use a denser ink pigment.</li> <li>5. Add heavy bonded varnish to ink.</li> <li>6. Increase flow of fountain solution.</li> <li>7. Ideally, should range between 10 °C and 15 °C (50 °F and 60 °F).</li> <li>8. Clean or change devices.</li> <li>9. Reset dampeners to appropriate settings.</li> <li>10. Check and adjust stripe on plate.</li> <li>11. Measure and change to specifications.</li> <li>12. Set according to instruction manual.</li> <li>13. Clean all gum, ink and particles.</li> </ol>

14. Improper gumming.	14. Clean plate with water and/or cleaner conditioner.
15. Air drafts blowing on the plate.	15. Prevent or shield from air drafts.
16. Plate not opening or not desensitized.	16. Gum plate on press.
17. Sensitive or light-struck plate.	17. Desensitize plate, apply scratch remover or plate cleaner.
18. Prepress problems: exposure or development.	18. Make new plate.
19. High dampening temperature.	19. Ideally, should range between 10°C and 15°C (50°F and 60 °F).