

TROUBLESHOOTING FOR SHEETFED AND WEB PRESSES

**INCONSISTENT COLOUR REPRODUCTION**: Proof and printed sheet do not match. (Tonal variations when proof and printed sheet are compared).

## CAUSES

1. Dot gains too high/low.
2. Colour on proof too strong (saturation).
3. Proofing paper different from stock being printed on.
4. Print characteristic curve of the proof different from the press. Wrong ICC profile being applied.
5. Insufficient ink film being run.

## REMEDIES

1. Check DOT GAIN section of this guide.
2. Ink weight profile to be applied to proofer.
3. Change to qualified proofing paper. Apply paper white compensation to proofer output.
4. Fingerprint the press to desired dot gain curve and determine the colour space it is able to print within. Create an ICC profile from the IT8 or ECI chart of the test form and apply it to the proof. Talk to Unigraph International for more information and assistance.
5. Assure that you are using an ink that will allow you to run a normal ink film thickness on your rollers at realistic density standards.

