

We are currently creating digital transfers. We are having issues with holding our colors particularly our prints containing yellow. We understand that yellow is the top most layer printing on this press. When we compare our prints to our finished transfers, there is significantly less yellow in the final transfer. We are trying to determine whether we are losing yellow because of temperature, chemistry, or humidity.

When we look at the finished transfers, the adhesive on the back of the transfers is yellow. Does anyone currently do digital transfer and is willing to share the chemistry of the backer layer? Does your room have a control air unit, what humidity level is your room? Does anyone have a suggestion on a good humidity gage?

We do not produce digital transfers but we do have a large digital area and we maintain our humidity at 50% and the temperature at 68 degrees. We find that the proper humidity and temperature is very important to consistent running and color control.

The people we purchased our humidification system from is,

Nortec US Location
1860 Renaissance Boulevard
Sturtevant, WI 53177

Phone: 1-866-667-8321
E-mail: nortec@humidity.com

Temperature during delivery transport, distributor storage times , also in house has often been the main ghost when one has intermittent function of chemistry. I suggest the films/ raw materials were frozen and thawed in transport since all have varying degrees of transfer, age should be even. Figure the chain of custody of all batch #s and was the package left overnight in a truck or in a vestibule on delivery?. In the contact days of film dirty bulbs and low voltage or amperage changes caused problems. We found the Coffee emergent heater was once a problem at a work bench, ghosts are hard to catch but often are simpler than once thought.

*Editor's Note: Printing Industries of America's [technical hotline](#) is a **free** member benefit. The hotline is staffed by Technical Consultant Dillon Mooney, who has been in the production / technical trenches with PIA and the Graphic Arts Technical Foundation for more than 34 years. He also has PIA's Center for Technology and Research at his disposal to assist with finding your answers. Call (800) 910-4283 or email dmooney@printing.org.*