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Hot for Tee Shirt! By Mike Grey

Yes, I stole that from an old Van Halen song. It's summer time and it is getting hotter by the day. Back in January, I wrote about the cold weather and how it effects the inks and emulsions in your shop.

Well just the opposite happens when things warm up. Inks become thinner which can change the deposit printed on the shirt. In consideration of the changing viscosity, squeegee speed, angle and pressure may need to be adjusted accordingly. Heat also has an effect on screen emulsion. Mostly the heat brings humidity, which can greatly impact the preparation of the stencil. Drying after coating may be a problem if humidity levels are not in check within the screen room.

Coated screens can act like a sponge in that they may appear to be dry, but they soak up moisture from the air and remain in a gelled state.

This creates problems when exposing and washing out the image. You may not get a fully exposed screen and it might start to break down early on press.

This can be avoided or at least kept in check by adding a de-humidifier in the screen coating room. There are different models to choose from and they are rated by room size. I recommend measuring the cubic square footage of your room and choosing the model that is for the next size up.

Heat also changes the air in the shop. When things get hot, gases and fumes can be seen in the shop that make the air appear heavy. This does take a toll on the employees that work in the shop all day long.

Good ventilation is important to keep workers efficient and safe. Lots of water helps too.

Stay Cool !!!



Quote of the Month

"Don't cry because it's over, Smile because it happened"

What's Happening?

July 4

Independence Day

August 3-5

ISS Show Las Vegas

October 22-24

SGIA Show Las Vegas



What's New?

M&R is pleased to announce the addition of the Transformer & Blu-Flash Flash-Based Curing System to M&R's line of curing/drying/flashing systems.

This system gives small and start up manual screen printing shops versatility in flash curing and electric conveyor drying. The Blu-Flash flash cure unit is the starting point. Its powerful infrared radiant panels provides rapid, consistent curing performance and durability. A variable-percentage (1-100) power control allows adjustment of the curing temperature, and the sturdy, lightweight stand provides easy positioning and superior portability.

Up to three Blu-Flash cure units can be combined with the Transformer conveyor, turning it into an infrared electric screen printing conveyor dryer. Unlike with traditional electric conveyor dryers, operators can add or remove radiant panels at will simply by moving Blu-Flash cure units in or out.

The Transformer conveyor features an analog belt-speed controller, allowing operators to select the appropriate speed based on substrate, ink and the number of Blu-Flash cure units in operation at any given time. Contact us for more info.....(888)435-2468



SPR would like to welcome Jack Meola as he joins the team at Murakami Screen

Tech tip: Changing pallets on a printing press can sometimes be tedious and time consuming. Try Setting up a pallet changing station where you can remove old pallet tape and clean the pallets. Then apply new pallet paper so they are ready to go for the next changeover. This works great for multi press shops. The changing station can even be mobile by modifying a press cart.

Need new pallets? M&R has a wide selection of pallets to fit M&R auto and manual presses. Give us a call (888)435-2468