

## Nazdar LED Curing Screen Inks

Nazdar continues to promote screen printing technology with the development of the first viable LED Curing Screen Printing inks for the Membrane Overlay Market and the Graphics Market. Both types of inks are available today.

The inks have been developed to provide excellent adhesion to a variety of substrates using a 4 watt LED 395nm curing unit at belt speeds of 40-80 feet per minute. Colors include: Standard Opaque Line colors, Pantone® Mixing colors, and Halftone items.

LED Curing has the advantage over mercury-vapor curing units by:

- Reduced heat in the curing process, thus reducing heat-related issues with substrates
- Reduced energy consumption to run the lamp system
- Reduced energy consumption by eliminating air displacement required to cool mercury vapor lamps
- Lamp life of over 10,000 hours versus 1,000-2,000 hour lamp life with mercury vapor lamps
- No ozone is produced, consequently no regulatory need for venting
- Reduced environmental/disposal issues related to mercury containing lamps
- On/Off light ramp up; no need to wait for the lamps to warm up or cool down
- Estimated 3 year ROI in converting to LED curing based on energy savings, bulb replacement/disposal, and reflector replacement



For more information on Membrane Overlay LED curing inks email [Bea Purcell](mailto:Bea.Purcell@nazdar.com) or call 913-422-1888 ext. 2012

For more information on Graphic LED curing inks email [Laura Maybaum](mailto:Laura.Maybaum@nazdar.com) or call 913-422-1888 ext. 2164.