

## **ClingZ® Wide Format UV – Design and Printing Guidelines**

ClingZ® Wide Format UV is an adhesive-free, statically charged graphic film manufactured to match the specific characteristics of UV-curable wide format print systems. Ideal for large format temporary signage and marketing applications, it clings up to 3 months on any dry indoor surface, except fabric or very porous materials. ClingZ® Wide Format UV is a 100% polypropylene (PP) film lined with a 3 mil. full contact PET backer. Available in white and clear, 42” and 54” wide rolls.

**General Printing and Designing Notes:** Design for finished sizes of at least 3”x5” (8x12 cm). Convert any PMS spot colors to CMYK process-ink builds. Use flexible inks. Stay within a total area coverage (TAC) of 220% in color build with a line screen of 150-175, and reduce screen values by using UCR or GCR. Avoid heavy deposits of ink near the edge to avoid curling. Right reading or reserve printing is possible. A 1” (2.5 cm), unprinted border will enhance the performance of the application. Add no more than 2 hits of opaque white before 4-color process when printing on clear film. Add white after 4-color process if printing reverse. This product is not suitable for screen printing or any type of coating, including varnishes or aqueous and UV coatings.

Turn off static eliminators (ionizers) on machine. Set UV lamps to the lowest setting, using the trailing lamps only. Test the production setup and suitability of ClingZ® for the application prior to each print run.

**Finishing:** ClingZ® Wide Format UV can be die cut, kiss cut, perforated, perf-scored, and folded. Avoid long, thin pieces and sharp angles to reduce risk of tearing. Die cut with hard ejection black rubber. Perforate with 12-24 teeth/inch knives. Use a minimum of 1/64” (04. mm) round die for inner corner cuts. When cutting on a swivel knife cutter use a fresh blade and adjust cutting speed to avoid ink chipping. The materials can be easily tiled for large coverage graphics.

### **Storing**

- Store in the original packaging at room temperature 65°-80° F (18°-27° C) with relative humidity of 25-50%.
- Acclimate the material to press room template for 24 hours prior to printing.
- Remove material from plastic bag just prior to loading.
- Reseal unused materials in the original plastic bag.
- Unprinted ClingZ® Wide Format UV can be stored for up to one year.

### **Packing and Shipping**

- We recommend archive-safe poly bags for packing.
- Avoid anti-stats or volatile organic compounds (VOCs) in packing materials.
- Fresh corrugated cardboard or other newly printed materials can contain VOCs that may affect the charge of the ClingZ® film.
- No heat-activated shrink wrapping.
- Material must be rolled print side out.

**Recycling:** ClingZ® Wide Format UV is recyclable as #5 plastic.

Contact the Nekoosa technical team at (715) 886-1207 or [tech@ncpedge.com](mailto:tech@ncpedge.com) if you have any questions regarding ClingZ® Wide Format UV.