



**XCEL PRODUCTS, INC.**



## **HI-TACK STATIC CLING** Made fresh and converted to your needs

### **IMPORTANT STATIC CLING INFORMATION**

Static cling vinyl is a perishable product with a short shelf life. This vinyl is heavily plasticized to keep it soft and provide good adhesion to glass. Immediately upon lamination of the vinyl and liner, those plasticizers begin migrating to the surface of the vinyl and begin to impede the printing process. As the plasticizers migrate to the surface, this can result in a reduction of dyne properties; produce a mottled (cloudy) effect or both. Xcel Products' cling is always made fresh for each order to ensure the highest quality in the industry.

### **APPLICATION**

The effects of mottling or haze can be minimized if not completely eliminated when the vinyl is applied to the substrate. Xcel suggests applying the cling with water or a soap and water solution. Using a felt squeegee or wrapping a hard squeegee with a smooth cloth will reduce scratches on the surface. It's important to remove all the air between the cling and glass to optimize the adhesion and clarity of the product. Complete clarity may require approximately 24 hours, depending on the quality of the application.

### **SHELF LIFE**

Print it promptly for best results. Large stacks of sheets or large rolls are especially prone to accelerated aging. Weight and pressure along with high temperatures and high humidity can increase mottling and the possibility of ink adhesion issues. Either dry wiping with a lint free cloth or wet wiping the vinyl with isopropyl alcohol can restore the dyne properties for a short period of time.

### **STORAGE CONDITIONS**

Storage conditions for static cling vinyl are extremely important for achieving the best results. Store at no more than 70 degrees F and 50% RH or less. Lower storage temperatures and humidity will help extend shelf life. Do not store vinyl in roll form horizontally (flat) as the pressure points created in storage, tend to accelerate the aging process. Rolls should always be suspended for best results.

***Always test print static cling vinyl before committing to production.***

#### **PRINTER TYPE / INK COMPATIBILITY**

Digital / Inkjet - Eco-Solvent, Solvent, Latex, UV-Cured  
Flexo - Conventional, UV-Cured  
Litho / Offset - Conventional, UV-Cured  
Screen - Conventional, UV-Cured

#### **STANDARD APPLICATIONS**

Window decals & graphics  
Learning tools and game pieces  
Promotional & temporary displays  
Protective film

*Xcel Products, Inc. does not represent, warrant or guarantee that all inks will adhere to this media. Xcel recommends testing the product for all intended applications and print technologies.*

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**xcelfixtureshop.com**

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