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Version #6 (0118)  
Approved by J. S.

## Product

IMAGin® WindowVIEW™ Cling White WVC109

## Product Description

**WindowVIEW WVC109** is a soft high gloss flexible white vinyl film which self-adheres to any smooth glass surfaces such as windows office doors display cases and even beverage coolers. This vinyl film will also cling to many smooth, glossy plastic and shiny metal surfaces.

**WindowView Cling** is supplied attached to an 8 mil white PE coated 1-side liner for ease of processing and handling.

**WindowView Cling** can be applied using the wet method to help eliminate trapped air bubbles.

## Physical Properties

| Property                       | Typical Values               | Test Method |
|--------------------------------|------------------------------|-------------|
| <b>Thickness, inches (µm)</b>  |                              | ASTM-D645   |
| Film                           | 0.008 (203)                  |             |
| Total product                  | 0.016 (406)                  |             |
| <b>Tensile Strength (lbs.)</b> |                              | ASTM D882   |
| MD                             | >18                          |             |
| CD                             | >18                          |             |
| <b>Elongation (%)</b>          |                              | ASTM D882   |
| MD                             | 250 min                      |             |
| CD                             | 250 min                      |             |
| <b>Shrinkage (%)</b>           |                              |             |
| MD                             | ≤ 5                          |             |
| CD                             | ≤ 2                          |             |
| <b>Temperature Range</b>       |                              |             |
| Minimum Application:           | 40°F (+10°C)                 |             |
| End Use:                       | 20°F to 140°F (-6°C to 60°C) |             |

## Durability

Up to 6 months from time of application on an outside window. Outdoor climate may limit the bond of static cling vinyl on exterior windows. Because of these uncontrollable factors no warranty is offered for durability.

## Shelf Life

12 months from D.O.M. when stored at 60/77°F (15/25°C) and 50% relative humidity in the original package.

## Approved Print Materials

|                           |                                     |                         |                                     |
|---------------------------|-------------------------------------|-------------------------|-------------------------------------|
| <b>Screen Printing:</b>   |                                     | <b>HP Indigo</b>        | <input type="checkbox"/>            |
| UV Cured                  | <input checked="" type="checkbox"/> | <b>Off-set</b>          | <input type="checkbox"/>            |
| Solvent                   | <input checked="" type="checkbox"/> | <b>Off-set UV</b>       | <input checked="" type="checkbox"/> |
| <b>Digital: UV Inkjet</b> | <input checked="" type="checkbox"/> | <b>Thermal Transfer</b> | <input type="checkbox"/>            |
| Eco-solvent               | <input checked="" type="checkbox"/> | <b>UV Flexographic</b>  | <input checked="" type="checkbox"/> |
| True solvent              | <input checked="" type="checkbox"/> | <b>Flexographic</b>     | <input checked="" type="checkbox"/> |
| Latex                     | <input checked="" type="checkbox"/> | <b>Jetrion</b>          | <input type="checkbox"/>            |

\* **Flexographic Printing** requires a topcoat. WVG000113 has been approved by ACTEGA Coatings and Sealants ([www.altana.com](http://www.altana.com)) as in-line coat-able ink primers.

To achieve the best possible print quality, please make sure that the correct ICC profiles or printer settings are used. Profiles can be obtained from our Distributors or can be downloaded from [www.mactac.com](http://www.mactac.com). Printer and heater settings and ICC profiles can also be downloaded from some O.E.M. or software manufacturer's websites. The ICC profiles are provided solely as a customer resource. Print environments, the individual nature of printing systems, inks and software can significantly affect output. It is the customer's responsibility to determine the suitability of any profile for use in their

## Limitations

- 1) **The user is responsible for determining the product's suitability, including adhesion and if needed, removal characteristics when used in applications other than listed specifically in this Performance Guide.**
- 2) **If there are any questions about applications, please contact your Mactac sales representative to discuss your requirements for recommendations.**
- 3) **If this is a printed Performance Guide it is an uncontrolled document. Please check the Mactac website for the latest, most up-to-date version**

## Recommendations

Always test your combination of print media, printers and inks prior to commercial use.

- a) **Printing Conditions:** Print in conditioned pressroom at  $\pm 73^{\circ}\text{F}$  ( $23^{\circ}\text{C}$ ) and 50% RH. The maximum allowable ink saturation is 270%.
- b) **Drying Requirements:** Solvent, Eco-solvent and Mild-solvent inkjet prints require 24 - 48 hr. drying time - open to the air. Inks do not dry when printed media is rolled up. The prints must be dry prior to rolling up for shipment.
- c) **Transportation Conditions:**  
To allow for easy transportation, IMAGin WindowView Cling should be loosely rolled up, with the image out, with a minimum diameter of 6 inches (15cm). Make sure the print is completely dry and protected in a plastic bag. During transportation or storage, avoid exposing them to extreme temperature and humidity changes.

- *Values given are typical for unprocessed product and are not for use as specifications. Processing may change the values.*

**CALL 1-800-321-8834 for additional product information**

**IMPORTANT NOTICE:** The information given and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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