

## KS1

### Key Features

- Monomeric Vinyl
- Short-Term Applications
- Exterior-Mount Window Graphics
- Open area: 30%
- Printable area: 70%
- Perforation Diameter: 1,5 mm

### Product Features and Applications

140µ white monomeric micro-perforated PVC vinyl coated with a clear solvent based pressure sensitive glue removable adhesive. Available with white simple Kraft Liner.

#### Applications:

- Short-term exterior-mount window graphics for retail and commercial signage, glass doors and transparent surfaces. Not recommended for vehicles due to reduced visibility.
  - ◆ *Apply to clean, dry glass surface.*
  - ◆ *Use mild soap and water to rinse glass*
  - ◆ *Do not use solvent-based glass cleaner*
  - ◆ *Remove by peeling from glass at 90°*
- Application on non glass transparent surfaces such as (but not limited to) polycarbonate or PMAA is not recommended.
- If exposed to rain and/or dust, an optically clear, compatible overlamine film is recommended to prevent holes from filling with dirt or water.
  - ◆ *Lamination must be done on perfectly cured/dried ink*

### Key Benefits

- Dimensional Stability: Fair
- Humidity Resistance: Fair
- Solvent Resistance: Fair
- Water Resistance: Immersion in water is not recommended.
- Focus on close viewing and prints with details.
- Short promotional campaign
- Easy to install and to remove
- Compatible with screen printing; inkjet printing using solvent, eco-solvent, mild solvent and latex.
- Simple Kraft Liner
- KS1 is specifically designed for applications requesting close-viewing and fine text.
- The 70/30 perforation pattern is specifically designed to provide a strong visual impact.
- The excellent cohesion of the adhesive allows a clean removability up to 6 months. Low/high temperatures and solvent based inks may impact the clean removability of the film.
- Compatible with screen printing; inkjet printing using solvent, eco-solvent, mild solvent and latex.
  - ◆ *Print image on vinyl side, not on release liner*
  - ◆ *Always test your printing/ink combination prior to commercial use.*
  - ◆ *Product can be cut and weeded (check compatibility with your equipment).*

## Technical Information

- <sup>1</sup> if stored on vertical position (AA Zone 1).
- <sup>2</sup> Immersion in water is not recommended.
- <sup>3</sup> KSI products codes
- <sup>4</sup> screen printing; inkjet printing (solvent, eco-solvent, mild solvent and latex)

- **Guidelines:**

we recommend an absolute minimum of **24 hours** between printing and application of the film. Darker prints may require longer.

Lamination is highly recommended for vehicle applications in order to prevent poor visibility when exposed to rain and dirt. We recommend ClearLam for flat surfaces and CurvaLam for flat and slightly curved surfaces.

**Lamination must be done on perfectly cured/dried ink.**

Glass surfaces must be cleaned with an alcohol free product prior to application

Liner must be removed from glass surface at 90°

Low/high temperatures and solvent based inks may impact the clean removability of the film.

Film must not be applied on rubber seals around the windows

- For further information please refer to our Technical Bulletin or contact us

|   |  |
|---|--|
| Film                                    | 140µ calandered black/white monomeric micro-perforated PVC vinyl |
| Adhesive                                | 20µ black removable water based pressure sensitive adhesive      |
| Liner                                   | 140gr Simple Kraft Liner   |
| Standard Width                          | 1,06cm / 137,2cm / 152,4cm                                       |
| Standard Length                         | 50ml   |
| Expected Lifetime Exterior <sup>1</sup> | 9 months   |
| Clean Removability                      | Up to 6 month depending on surface and application.              |
| Storage Stability <sup>1</sup>          | 12 months shelf life if stored at 21° and 50% relative humidity  |
| Minimum Application Temperature         | +5° C  |
| Service Temperature Range               | -17° C to 62° C  |
| Dimensional Stability                   | Fair   |
| Solvent and Humidity Resistance         | Fair   |
| Water Resistance <sup>2</sup>           | Fair   |
| KSI <sup>3</sup>                        | 271021 / 271022 / 271023   |
| Printability <sup>4</sup>               | solvent, eco-solvent, mild solvent and latex.                    |

## Warranty

Information provided above is based upon tests that are believed to be reliable. There are intended as a source of information and do not constitute a warranty. ClearFocus takes great pride in ensuring tight quality control and we warranty our products to be free from visible defects at the time of sale. Any material showing visual defect at the time of sale will be replaced without charge. Our liability is limited to the costs of material and ClearFocus shall in no circumstances cover expenses associated to the transformation and/or application of its products.