

## ImageVue 1540

### Key Features

- Premium Polymeric Vinyl
- Long Term Applications
- Exterior-Mount Window Graphics
- Open area: 40%
- Printable area: 60%
- Perforation diameter: 1,5 mm

### Product Features and Applications

180µ black/white premium polymeric micro-perforated PVC vinyl, coated with a clear removable and repositionable adhesive. Build with a light reflective double paper liner.

#### Applications:

- Long term exterior-mount window graphics for vehicles and fleet windows, bus shelter, buildings decoration, retail and commercial signage, glass doors and transparent surfaces.

- ◆ *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: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Good
- Suitable for all types of graphics
- Easy to install and to remove
- Printable with the most common printing techniques
- Certifications: M0

### Benefits

- ImageVue 60/40 is specifically designed for vehicle graphics and buildings wrap. It offers the best ratio between image output and visual comfort from the inside to the outside.
- The excellent cohesion of the adhesive allows a clean removability up to 12 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, latex and UV-cure inks
  - ◆ *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> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)

• **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 application 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.*

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 window

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

Film	180µ colaminated black/white polymeric micro-perforated PVC vinyl
Adhesive	25µ clear removable solvent based pressure sensitive adhesive
Liner	Light reflective double paper liner 140grs PE coated
Standard Width	105cm, 137,2cm, 152,4cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	3 years
Clean Removability	12 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	0° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
Certifications	M0
Printability <sup>3</sup>	All

## 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.

## ClassicVue 1550

### Key Features

- Premium Polymeric Vinyl
- Long Term Applications
- Exterior-Mount Window Graphics
- Open area: 50%
- Printable area: 50%
- Perforation Diameter: 1,5 mm

### Product Features and Applications

180µ black/white premium polymeric micro-perforated PVC vinyl coated with a clear removable and repositionable adhesive. Build with a patented light reflective double paper liner 140grs PE coated.

#### Applications:

- Long term exterior-mount window graphics for vehicles and fleet windows, bus shelter, buildings decoration, glass doors and transparent surfaces.
  - ◆ *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: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Good
- Ideal for vehicle window graphics and buildings wraps
- Easy to install and to remove
- Printable with the most common printing techniques
- Certifications: MO, ABG
- Classic Vue 50/50 is specifically designed for vehicle graphics and buildings wrap. It offer the best ratio between image output and visual comfort from the inside to the outside.
- The excellent cohesion of the adhesive allows a clean removability up to 12 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, latex and UV-cure inks
  - ◆ *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> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)
- **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.*

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

Film must not be applied of the rubber seals around the windows

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

Film	180µ colaminated black/white polymeric micro perforated PVC vinyl
Adhesive	25µ clear removable solvent based pressure sensitive adhesive
Liner	Light reflective double paper liner 140grs PE coated
Standard Width	137,2cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	3 years
Clean Removability	12 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	0° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
Certifications	M0, ABG
Printability <sup>3</sup>	All

## 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.



## PromoVue 1535

### Key Features

- Premium Polymeric Vinyl
- Mid to Long Term Applications
- Exterior-Mount Window Graphics
- Open area: 35%
- Printable area: 65%
- Perforation Diameter: 1,5 mm

### Product Features and Applications

150µ black/white premium polymeric micro-perforated PVC vinyl coated with a clear removable adhesive. Build with a patented light reflective double paper liner 140grs PE coated.

#### Applications:

- Long term exterior-mount window graphics for retail and commercial signage, glass doors and transparent surfaces.  
Not recommended for vehicles because of 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: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Fair
- Ideal for long-term applications requesting close-viewing and fine text
- Easy to install and to remove
- Printable with the most common printing techniques
- Certifications: M1

### Benefits

- PromoVue 1535 is specifically designed for mid to long-term applications requesting close-viewing and fine text.
- The excellent cohesion of the adhesive allows a clean removability up to 12 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, latex and UV-cure inks
  - ◆ *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> Screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)

- **Guidelines:**

We recommend a minimum of 24h drying time after printing before 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	150µ colaminated black/white polymeric micro-perforated PVC vinyl
Adhesive	25µ clear removable solvent based pressure sensitive adhesive
Liner	Light reflective double paper liner 140grs PE coated
Standard Width	106cm, 137,2cm, 152,4cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	3 years
Clean Removability	12 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	0° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
Certifications	M1
Printability <sup>3</sup>	All

## 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 ability is strictly limited to the costs of material and ClearFocus, we shall in no circumstances cover expenses associated to the transformation and/or application of this products.

## PromoVue DTC (1540)

### Key Features

- Premium Polymeric Vinyl
- Long Term Applications
- Exterior-Mount Window Graphics
- Open area: 40%
- Printable area: 60%
- Perforation diameter: 1,5 mm

### Product Features and Applications

180µ black/white premium polymeric micro-perforated PVC vinyl coated with a clear removable and repositionable adhesive. Build with a single paper liner 140grs PE coated.

#### Applications:

- Long term exterior-mount window graphics for vehicles and fleet windows, bus shelter, buildings decoration, retail and commercial signage, glass doors and transparent surfaces.
  - ◆ *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: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Fair.
- Suitable for all types of graphics
- Easy to install and to remove
- Printable with the most common printing techniques
- Certifications: M0, DTC (DTC number ASI-08-0454)

### Benefits

- PromoVue 60/40 is specifically designed for vehicle graphics and POP. It offers the best ratio between image output and visual comfort from the inside to the outside.
- The excellent cohesion of the adhesive allows a clean removability up to 12 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, latex and UV-cure inks; thermal transfer; electrostatic transfer and airbrushing.
  - ◆ *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> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)

• **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 application 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.*

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

Do not apply on rubber seals around the windows

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

Film	180µ colaminated black/white polymeric micro-perforated PVC vinyl
Adhesive	25µ clear removable solvent based pressure sensitive adhesive
Liner	Single paper liner 140grs PE coated
Standard Width	137,2cm, 152,4cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	3 years
Clean Removability	12 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+6° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Fair
Certifications	M0, DTC
Printability <sup>3</sup>	All

## 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.

GreenVue  
PVC-FREE



## Key Features

- Premium Self-Adhesive, Perforated Polyester (PET).
- Long Term Applications
- Exterior-Mount Window Graphics
- Open area: 35%
- Printable area: 65%
- Perforation Diameter: 1,5 mm

## Product Features and Applications

100µ black/white premium self-adhesive perforated polyester (PET) coated with a printable top coat for (Eco)-Solvent and Latex inks. Build with a patented light reflective double paper liner.

### Applications:

- Premium PET for long term exterior-mount window graphics for fleet windows, bus shelter, buildings decoration, glass doors and transparent surfaces.
  - ◆ *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: Excellent
- Humidity Resistance: Excellent
- Solvent Resistance: Good
- Water Resistance: Good
- Durability: 5 years outdoor
- Ideal for window graphics and buildings wraps
- Easy to install and to remove
- Printable with the most common printing techniques

## Benefits

- GreenVue is specifically designed for buildings wrap and exterior-mount window graphics .
- European made solution for better quality control and carbon footprint, innovative **NON-PVC** solution.
- The excellent cohesion of the adhesive allows a clean removability up to 12 months. Low/high temperatures and solvent based inks may impact the clean removability of the film.
- The rigidity of this product makes the application very easy and it stands on your window with superb flatness.
- Compatible with screen printing; inkjet printing using solvent, eco-solvent, mild solvent, latex and UV-cure inks
  - ◆ *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> Screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)
- <sup>4</sup>Product code

- **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 in order to prevent poor visibility when exposed to rain and dirt. We recommend ClearLam (PET lamination)

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

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

Exceptional dimensional stability and tensile strength.

Film must not be applied of the rubber seals around the windows

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



Film	100µ colaminated black/white premium PET micro-perforated
Adhesive	25µ Transparent removable pressure sensitive adhesive
Liner	Light reflective double paper liner, 2 Side PE coated.
Standard Width	137,2 cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	5 years
Clean Removability	12 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	0° C
Service Temperature Range	-40° C to 80° C
Dimensional Stability	Excellent
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
GreenVue <sup>4</sup>	271046
Printability <sup>3</sup>	All

## 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.

## ImageVue interior

### Key Features

- Premium Polymeric Vinyl
- Long Term Applications
- Gloss finish
- Interior-Mount Window Graphics
- Open area: 35%
- Printable area: 65%
- Perforation diameter: 1,5 mm

### Product Features and Applications

180µ transparent premium polymeric micro-perforated PVC vinyl, coated with a clear removable and repositionable adhesive. Build with universal double liner.

#### Applications:

- Short-term to long term interior-mount window graphics for retail and commercial signage, buildings decoration, glass doors and transparent surfaces.

- ◆ *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: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Good
- Clear universal liner allows easy side to side application
- Easy to install and to remove
- Printable with the most common printing techniques

### Benefits

- ImageVue interior 65/35 is specifically designed to provide a strong visual impact.
- The excellent cohesion of the adhesive allows a clean removability up to 12 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, latex and UV-cure inks
  - ◆ *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> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)

• **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 application 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.*

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 window

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

Film	180µ Transparent polymeric micro-perforated PVC vinyl
Adhesive	25µ clear removable solvent based pressure sensitive adhesive
Liner	Build with a clear universal double liner
Standard Width	137,2cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	5 years
Clean Removability	12 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+5° C
Service Temperature Range	-40° C to 80° C
Finish	Gloss transparent film
Dimensional Stability	Good
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
Printability <sup>3</sup>	All

## 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.



## PosterVue



### Key Features

- Polyester (pet)
- No Adhesive
- Long-Term Applications
- Interior-Mount Window Graphics
- Open area: 35%
- Printable area: 65%
- Perforation Diameter: 1,5 mm

### Product Features and Applications

200µ black/white polyester (PET) micro-perforated without adhesive.  
Build with a PET Liner.

#### Applications:

- Long term interior-mount window graphics for retail, commercial decorations and applications requesting advertisements on or close to windows. It can also be used as room divider

#### Mounting Method:

- Attach to the interior or exterior surface of clean, dry glass door or window by using a clear double-side Tape, clear doubled-side self-adhesive tabs, or other common poster attachment method available on the market
- Application on non glass transparent surfaces such as (but not limited to) polycarbonate or PMAA is not recommended.
- If exposed to environmental agents such as 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 perfect cured/dried ink*

### Key Benefits

- Dimensional Stability: Excellent
  - Humidity Resistance: Good
  - Solvent Resistance: Good
  - Water Resistance: Fair
  - Suitable for all types of graphics
  - Easy to install and to remove
  - Printable with the most common printing techniques
  - Not compatible with UV inks
  - PosterVue 65/35 is specifically designed for several time repositionable applications requesting close-viewing and fine text.
  - The film provided a protection from weathering, abrasion and vandalism.
  - Compatible with screen printing; inkjet printing using solvent, eco-solvent, mild solvent, latex inks; thermal transfer; electrostatic transfer and airbrushing.
- ◆ *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> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex inks); thermal transfer; electrostatic transfer; and airbrushing. Not compatible with UV inks

• **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.

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

Film	200μ colaminated black/white monomeric micro perforated PVC vinyl
Adhesive	No adhesive
Liner	PET
Standard Width	137,2cm
Standard Length	50 ml
Expected Lifetime Exterior <sup>1</sup>	5 years. It depends on mounting materials/method used to attach the film to glass surface
Storage Stability <sup>1</sup>	3 year shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	Depending on mounting materials/method used
Dimensional Stability	Excellent
Solvent and Humidity Resistance	Excellent
Water Resistance <sup>2</sup>	Excellent
Printability <sup>3</sup>	All except UV inks

## 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.

## UltraVue

### Key Features

- Premium Polymeric Vinyl
- Long Term Applications
- Exterior-Mount Window Graphics
- Open area: 40%
- Printable area: 60%
- Perforation Diameter: **1 mm**

### Product Features and Applications

180µ black/white premium polymeric micro-perforated PVC vinyl coated with a clear removable and repositionable adhesive. Available with Double PE-coated perforated paper + PE-coated Silicon liner.

#### Applications:

- Long term exterior-mount window graphics for vehicles and fleet windows, bus shelter, buildings decoration, glass doors, Point of purchase and transparent surfaces.
  - ◆ *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: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Good
- Ideal for any uses in visual communication
- Easy to install and to remove
- Printable with the most common printing techniques
- UltraVue is specifically create to answer all your need in visual communication. It offers the best ratio between image output and visual comfort from the inside to the outside.
- The excellent cohesion of the adhesive allows a clean removability up to 12 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, latex and UV-cure inks
  - ◆ *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> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)
- <sup>4</sup> UltraVue product code

• **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 of the rubber seals around the windows

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

Film	180µ colaminated black/white polymeric micro perforated PVC vinyl
Adhesive	25µ clear removable solvent based pressure sensitive adhesive
Liner	Double PE-coated perforated paper + PE-coated Silicon liner.
Standard Width	137,2cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	3 years
Clean Removability	12 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	18 month shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+6° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
<sup>4</sup> UltraVue	271052
Printability <sup>3</sup>	All

## 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.

## BudgetVue 1533

### Key Features

- Monomeric Vinyl
- Short-Term Applications
- Exterior-Mount Window Graphics
- Open area: 33%,
- Printable area: 67%,
- Perforation Diameter: 1,5 mm

### Product Features and Applications

100µ white monomeric micro-perforated PVC vinyl coated with a black removable adhesive. Build with a patented light reflective double paper 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: Good
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Fair
- Focus on close viewing and prints with details.
- Easy to install and to remove
- Printable with the most common printing techniques
- PET Liner for UV inks
- Certification: M1, ABC
- BudgetVue is specifically designed for applications requesting close-viewing and fine text.
- 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, latex and UV-cure inks
  - ◆ *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> BudgetVue 1533
- <sup>4</sup> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)

• **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.*

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

Film	100µ calandered black/white monomeric micro-perforated PVC vinyl
Adhesive	20µ black removable water based pressure sensitive adhesive
Liner	Light reflective double paper liner
Standard Width	106 cm / 137,2 cm / 152.4 cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	18 months
Clean Removability	6 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	24 months shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+6° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Good
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Fair
Certifications <sup>3</sup>	M1, ABC
Printability <sup>4</sup>	All

## Warranty

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

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.

## BudgetVue 1520

### Key Features

- Monomeric Vinyl
- Short-Term Applications
- Exterior-Mount Window Graphics
- Open area: 20%
- Printable area: 80%,
- Perforation Diameter: 1,5 mm

### Product Features and Applications

100µ white monomeric micro-perforated PVC vinyl coated with a black removable adhesive. Build with a patented light reflective double paper 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: Good
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Fair
- Focus on close viewing and prints with details.
- Easy to install and to remove
- Printable with the most common printing techniques
- Certification: M1
- BudgetVue is specifically designed for applications requesting close-viewing and fine text.
- The 80/20 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, latex and UV-cure inks
  - ◆ *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> BudgetVue 1520
- <sup>4</sup> screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)

• **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.*

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

Film	100µ calandered black/white monomeric micro-perforated PVC vinyl
Adhesive	20µ black removable water based pressure sensitive adhesive
Liner	Light reflective double paper liner
Standard Width	137,2 cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	18 months
Clean Removability	6 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	24 months shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+6° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Good
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
Certifications <sup>3</sup>	M1
Printability <sup>4</sup>	All

## Warranty

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

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.



## 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.

## PopVue

### Key Features

- Monomeric Vinyl
- Short term Applications
- Exterior-Mount Window Graphics
- Open area: 40%
- Printable area: 60%
- Perforation Diameter: 1,5 mm

### Product Features and Applications

180µ black/white monomeric micro-perforated PVC vinyl coated with a clear removable adhesive. Build with a patented light reflective double paper liner 140grs PE coated.

#### Applications:

- Short term exterior-mount window graphics for retail and commercial signage, glass doors and transparent surfaces. Not recommended for small vehicles because of 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: Good
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Good
- Ideal for long-term applications requesting close-viewing and fine text
- Easy to install and to remove
- Printable with the most common printing techniques
- Certifications: M1

### Benefits

- PopVue is specifically designed for short-term applications requesting close-viewing and fine text.
- The excellent cohesion of the adhesive allows a clean removability up to 3 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, latex and UV-cure inks
  - ◆ *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> Screen printing; inkjet printing (solvent, eco-solvent, mild solvent, latex and UV-cure inks)

- **Guidelines:**

We recommend a minimum of 24h drying time after printing before 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	180μ colaminated black/white monomeric micro-perforated PVC vinyl
Adhesive	25μ clear removable solvent based pressure sensitive adhesive
Liner	Patented light reflective double paper liner 140grs PE coated
Standard Width	106cm, 137,2cm, 152,4cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	1 years
Clean Removability	3 months. Adhesion may increase with time
Storage Stability <sup>1</sup>	2 years 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	Excellent
Solvent and Humidity Resistance	Good
Water Resistance <sup>2</sup>	Good
Certifications	M1
Printability <sup>3</sup>	All

## 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 ability is strictly limited to the costs of material and ClearFocus, we shall in no circumstances cover expenses associated to the transformation and/or application of this products.

## ClearLam

### Key Features

- Optically Clear Polyester
- Short to Mid-Term applications
- External/Internal applications
- Flat Surfaces
- Gloss Level: 125 (avg.) at 60°

### Product Features and Applications

25 $\mu$  optically clear polyester coated with a clear permanent adhesive. Build with PET Liner.

#### Applications:

- Long-term external/internal flat window graphics decorations.
- Not designed for use on curved surfaces.
- Allow at least 24 hours for the inks to dry and degas before lamination.
- Allow at least 12 hours between lamination and application.
  - ◆ *Cold lamination only with proper tension control to prevent wrinkles and tunnelling (do not stretch the film)*
  - ◆ *The printed substrate must be cool*
  - ◆ *It can be cleaned with non-abrasive detergents without becoming cloudy*

### Key Benefits

- Dimensional Stability: Excellent
- Humidity Resistance: Excellent
- Solvent Resistance: Excellent
- Water Resistance: Excellent
- UV Resistance: Good to excellent.
- FDA approved  
21 CFR 175.105  
21 CFR 177. 10520
- ClearLam is designed to protect the graphics from UV, water and chemical agents.
- ClearLam prevents the film's holes from filling with water when it rains or when the window graphics are washed.
- ClearLam ensures optical clarity, an increased image life and an attractive finish.
- The lamination is rigid enough to cover perforations
- Not recommended for printing

## Technical Information

- <sup>1</sup> if stored on vertical position (AA Zone 1).
- <sup>2</sup> Immersion in water is not recommended.

### Guidelines:

we recommend an absolute minimum of 24 hours between printing and application of the film and a at least 12 hours before installation. 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.*

Use a cold lamination (recommended method) and provide the proper tension control to prevent wrinkles and tunnelling from occurring (do not stretch the film)

The printed substrate must be cool

It can be cleaned with non-abrasive detergents without becoming cloudy

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

Film	25µ optically clear polyester
Adhesive	20µ clear permanent water based pressure sensitive adhesive
Liner	38µ PET
Standard Width	100cm, 137,2cm, 152,4 cm
Standard Length	50lm
Expected Lifetime Exterior <sup>1</sup>	2 years
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+4° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent, UV and Humidity Resistance	Excellent
Water Resistance <sup>2</sup>	Excellent
Chemical Resistance	Resistance to ammonium hydroxide-10%, antifreeze, detergent, distilled water, gasoline and motor oil-SAE 20

## 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.

## CurvaLam

### Key Features

- Optically Clear CAST vinyl
- Long-Term Applications
- External Applications
- Flat or Simple Curved Surfaces
- Gloss Meter 60° Reflection: 60-90 (crystal)

### Product Features and Applications

50µ high-gloss clear CAST vinyl coated with a clear permanent adhesive.  
Available with PET Liner.

#### Applications:

- Long-term exterior-mount on flat or simple curved window graphics decorations such as vehicle graphics and other transparent surfaces
- Allow at least 24 hours for the inks to dry and outgas before applying any overlamine .
- Allow at least 12 hours before installation for the adhesive to bond adequately to the vinyl.
  - ◆ *Cold lamination only with proper tension control to prevent wrinkles and tunnelling (do not stretch the film)*
  - ◆ *The printed substrate must be cool*
  - ◆ *It can be cleaned with non-abrasive detergents without becoming cloudy*

### Key Benefits

- Dimensional Stability: Excellent
- Humidity Resistance: Excellent
- Solvent Resistance: Excellent
- Water Resistance: Good
- UV Resistance: Good to excellent.
- FDA approved  
21 CFR 175.105  
21 CFR 177. 10520
- CurvaLam is designed to protect the graphics from UV, water and chemical agents.
- ClearLam prevents the film's holes from filling with water when it rains or when the window graphics are washed.
- CurvaLam ensures superior clarity, an increased image life and an attractive finish.
- The lamination is rigid enough to span perforations
- Not recommended for printing

## Technical Information

- <sup>1</sup> if stored on vertical position (AA Zone 1).
- <sup>2</sup> Immersion in water is not recommended.

### Guidelines:

we recommend an absolute minimum of 24 hours between printing and application of the film and at least 12 hours before installation. 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.*

Use a cold lamination (recommended method) and provide the proper tension control to prevent wrinkles and tunnelling from occurring (do not stretch the film)

The printed substrate must be cool

It can be cleaned with non-abrasive detergents without becoming cloudy

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

Film	50μ high gloss clear CAST vinyl
Adhesive	20μ clear permanent solvent based pressure sensitive adhesive
Liner	38μ PET
Standard Width	100cm, 137,2cm, 152,4 cm
Standard Length	50ml
Expected Lifetime Exterior <sup>1</sup>	7 years
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+4° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent, UV and Humidity Resistance	Good to Excellent
Water Resistance <sup>2</sup>	Excellent
Ultimate Elongation	4.45%-MD
Tensile Strength	8.291 psi-MD
Stiffness	372.662 psi %
Chemical Resistance	Resistant to ammonium hydroxide -10%, antifreeze, detergent, distilled water,

## 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.



## SuperLam



### Key Features

- 250µ Transparent **PET self-adhesive lamination film**
- The surface is compounded with a PE protective film
- Hardened coating is scratch resistant and stain resistant
- High transparency and glossy finish
- Long-Term Applications
- Flat Surfaces
- Clear permanent adhesive with strong cohesive force
- Improved image Gloss after lamination

### Product Features and Applications

SuperLam is a 250µ high-gloss transparent PET self-adhesive film coated with a clear permanent adhesive. The surface is compounded with a scratch protection PET film that should be removed after application. SuperLam can be used as a protection film for micro-perforated film, furniture, home decoration panel as well as for window breaking and vandalism, and so on.

#### Applications:

- Long-term exterior/interior-mount on flat surfaces such as window graphics decorations, and other surfaces.
- Prevents glass and windows from breaking and cracking.
- Allow at least 24 hours for the inks to dry and outgas before applying any overlaminate .
- Allow at least 12 hours before installation for the adhesive to bond adequately to the film.
  - ◆ *Cold lamination only with proper tension control to prevent wrinkles and tunnelling (do not stretch the film)*
  - ◆ *The printed substrate must be cool*
  - ◆ **It can be cleaned with abrasive detergents** without becoming cloudy

### Key Benefits

- Dimensional Stability: Excellent
- Humidity Resistance: Excellent
- Solvent Resistance: Excellent
- Water Resistance: Excellent
- UV Resistance: Excellent.
- Security film: prevent glass from breaking and cracking.
- Compounded with PE protective film
- Scratch and stain resistant

### Benefits

- SuperLam is designed to protect any surfaces from UV, water and chemical agents.
- It carries a strong hard coat for long-term scratch and chemical resistance.
- Has a peel off protective layer to ensure protection during manipulation and application
- It prevents the film holes from filling with water when it rains or when the window graphics are washed.
- Ensures superior clarity, increased image life and attractive finish.

## 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>Product code.

### Guidelines:

we recommend an absolute minimum of **24 hours** between printing and application of the film and at least 12 hours before installation. Darker prints may require longer.

Lamination is highly recommended in order to prevent poor visibility when exposed to rain and dirt.

We recommend ClearLam / SuperLam for flat surfaces and CurvaLam for curved surfaces.

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

Use a cold lamination (recommended method) and provide the proper tension control to prevent wrinkles and tunnelling from occurring (do not stretch the film)

The printed substrate must be cool

It can be cleaned **with abrasive detergents** without becoming cloudy.

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

Film	250µ high gloss transparent PET self-adhesive lamination film coated with a clear permanent adhesive, the surface is compounded with PE protective film
Adhesive	25µ solvent resistant acrylic adhesive
Liner	25µ PET liner
Standard Width	137,2 cm
Standard Length	30,5 ml
Expected Lifetime Exterior <sup>1</sup>	7 years
Storage Stability <sup>1</sup>	2 years shelf life if stored at 10° to 50° and 50% relative humidity
Minimum Application Temperature	+4° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent, UV and Humidity Resistance	Excellent
Water Resistance <sup>2</sup>	Excellent
SuperLam <sup>3</sup>	271054
PE protective Film	20µ
180° Peel Strength	1500-1800 g/25mm
Chemical Resistance	Resistant to ammonium hydroxide -10%, antifreeze, detergent, distilled water, gasoline and motor oil

## 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.





- **Not recommended for printing**

- The surface is compounded with PE protective film
- Hardened coating is scratch resistant and stain resistant

## StickMate White

### Key Features

- White Matt PET film
- Adhesion using vacuum technology
- No adhesive residue on application surface
- Easy to apply easy to remove
- Designed for window and smooth surfaces
- Easy to remove
- Long-Term Applications

### Product Features and Applications

115µ White Matt PET film, StickMate is a removable, recyclable and environmentally friendly product designed for window and smooth surfaces applications.

This product is a premium printing media with innovative vacuum adhesion technology for graphics and sign markets. It doesn't rely on chemical adhesion, magnetic force or static, it can stick onto glass, and other smooth surfaces easily by using "vacuum" technology. It will not leave any adhesive on surfaces.

#### Applications:

- Long-term exterior-mount on flat or simple curved window graphics decorations such as vehicle graphics and surfaces, POP, and so on.
- Must be applied on very clean/decontaminated surfaces.
- Allow at least 24 hours for the inks to dry and outgas before applying.
- No adhesive residue even after very long term application.
- Great printability with Eco-solvent, Latex, UV Digital printing.

### Key Benefits

- Dimensional Stability: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Good
- UV Resistance: Good to excellent.
- Minimum removing cost
- No cleaning cost
- White Matt PET (polyester)
- One side self-adhesive with liner
- To optimize print results, printer needs to be set for highest print quality.
- Product must be applied with clean hands or gloves.

## Technical Information

- <sup>1</sup> if stored on vertical position (AA Zone 1).
- <sup>2</sup> Immersion in water is not recommended.

### Guidelines:

we recommend an absolute minimum of 24 hours between printing and application of the film and at least 12 hours before installation. Darker prints may require longer.

Lamination is not necessary on vehicle applications. If needed we recommend ClearLam or SuperLam.

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

Use a cold lamination (recommended method) and provide the proper tension control to prevent wrinkles and tunnelling from occurring (do not stretch the film)

The printed substrate must be cool

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

Film	115µ White Matt PET film
Adhesive	Innovative Vacuum technology
Liner	20µ PET
Standard Width	137,2 cm
Standard Length	30.5 ml
Expected Lifetime Exterior <sup>1</sup>	2 years
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	0° C
Service Temperature Range	-10° C to 80° C
Dimensional Stability	Excellent
Solvent, UV and Humidity Resistance	Excellent
Water Resistance <sup>2</sup>	Excellent
Elongation to break	>80%
180° Peel Strength	2~10 g/25mm
Release force	2~10 g/25mm
Appearance	White Matt finish

## 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.





## StickMate Clear

### Key Features

- Ultra-Clear PET film
- Adhesion using vacuum technology
- No adhesive residue on application surface
- Easy to apply easy to remove
- Designed for window and smooth surfaces
- Gloss Meter 60° Reflection: 60-90 (crystal)
- Easy to remove
- Long-Term Applications

### Product Features and Applications

140µ Ultra-Clear PET film, StickMate is a removable, recyclable and environmentally friendly product designed for window and smooth surfaces applications.

This product is a premium printing media with innovative vacuum adhesion technology for graphics and sign markets. It doesn't rely on chemical adhesion, magnetic force or static, it can stick onto glass, and other smooth surfaces easily by using "vacuum" technology. It will not leave any adhesive on surfaces.

#### Applications:

- Long-term exterior-mount on flat or simple curved window graphics decorations such as vehicle graphics and surfaces, POP, and so on.
- Must be applied on very clean/decontaminated surfaces.
- Allow at least 24 hours for the inks to dry and outgas before applying.
- No adhesive residue even after very long term application.
- Great printability with Eco-solvent, Latex, UV Digital printing.

### Key Benefits

- Dimensional Stability: Excellent
- Humidity Resistance: Good
- Solvent Resistance: Good
- Water Resistance: Good
- UV Resistance: Good to excellent.
- Minimum removing cost
- No cleaning cost
- Ultra clear surface PET (polyester)
- One side self-adhesive with liner
- To optimize print results, printer needs to be set for highest print quality.
- Product must be applied with clean hands or gloves.



## Technical Information

- <sup>1</sup> if stored on vertical position (AA Zone 1).
- <sup>2</sup> Immersion in water is not recommended.

### Guidelines:

we recommend an absolute minimum of 24 hours between printing and application of the film and at least 12 hours before installation. Darker prints may require longer.

Lamination is not necessary on vehicle applications. If needed we recommend ClearLam or SuperLam.

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

Use a cold lamination (recommended method) and provide the proper tension control to prevent wrinkles and tunnelling from occurring (do not stretch the film)

The printed substrate must be cool

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

Film	140µ Ultra-Clear PET film
Adhesive	Innovative Vacuum technology
Liner	20µ PET
Standard Width	137,2 cm
Standard Length	30.5 ml
Expected Lifetime Exterior <sup>1</sup>	2 years
Storage Stability <sup>1</sup>	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	0° C
Service Temperature Range	-10° C to 80° C
Dimensional Stability	Excellent
Solvent, UV and Humidity Resistance	Excellent
Water Resistance <sup>2</sup>	Excellent
Elongation to break	>80%
180° Peel Strength	2~10 g/25mm
Release force	2~10 g/25mm
Appearance	Ultra Clear

## 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.



