

Bus and Train Wrap System - Window Flat and Curved Surfaces - Removable Up to 1 Year

*A full bus or train wrap window and body generates tremendous visual impact and very high levels of recall for the advertiser. It's like a giant moving billboard presenting a promotional/branding message in vivid high resolution graphics to motorists, pedestrians and transit patrons in a unique way. The film must conform to the window, allowing see-through viewing from the inside out. Superior adhesive performance is required for repositionability of the film during installation, a good bond to the window and clean removability (no residue) at the conclusion of the promotion. FLEXcon recommends using our BUSart™ overlamine to stand up to abrasion and regular bus/train cleaning while keeping the graphics intact. **For more information on FLEXcon's pressure-sensitive film solutions for bus and train wraps, contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.***



System Features:

While bus and train window advertising is ideal for generating consumer attention, it must be visually appealing from the outside and provide clear viewing from the inside.

FLEXcon's perforated product system ensures application success with complete satisfaction. By using our suggested overlamine and perforated printable base film, our system will meet the graphic and functional requirements of the application. Our system provides an exceptional bond to windows with clean removability at the end of the advertisement life. For the longest-term use of your bus and train window advertisement, FLEXcon's Bus and Train Wrap Advertising System for windows is the ideal choice.

- OUTFRONT Media (formerly CBS Outdoor) Approved System



Bus and Train Wrap System - Window Flat and Curved Surfaces - Removable Up to 1 Year

Product: SEETHRU-SIGN® STSWBF2 (Base Film)

Benefits:

- 7.2 mil perforated white/black flexible vinyl offers superior conformability to curved surfaces
- Perforated film provides optical clarity for see-thru viewing from the inside out and graphic visibility when viewing from the outside in
- Excellent printability via solvent inkjet, UV and solvent screen
- Removable pressure-sensitive acrylic adhesive bonds well to glass with clean removability for up to 1 year
- Excellent stay flat release liner properties for printing and converting
- 60/40 perforation provides 20% more image area than competitive products
- Product is suitable for exterior mounted window graphics
- Approved by OUTFRONT Media (formerly CBS Outdoor) for full and slim bus/train wrap window advertising
- Designed to be overlaminated with BUSart™ OV5055 for protection of graphics against abrasion and bus/train cleaning

Product: BUSart™ OV5055 (Optically Clear Overlamine)

Benefits:

- 2.0 mil clear cast vinyl overlamine with optically clear adhesive*
- Overlamine protects printed graphics from abrasion and bus cleaning
- Extends the life of printed graphic
- Overlaminating permanent acrylic adhesive bonds well to printed base film surface
- Adhesive offers excellent clarity for vibrant graphics
- Available in Quick-Ship for fast delivery
- FLEXcon's Bus and Train Wrap System is priced aggressively to capture market share
- 7 years expected exterior life
- Approved by OUTFRONT Media (formerly CBS Outdoor) for full and slim bus/train wrap body/tail advertising

*Optical clarity has many interpretations. Its use in the description of BUSart™ OV5055 is market/application specific to overlaminates used for perforated window films in bus wraps where there are no specifications for haze and/or light transmission required.

Recommendations for Both Base Film & Overlamine:

- Please refer to the "Application Guidelines" and "Application Instructions for FLEXcon Pressure-Sensitive Adhesive Film Products."
- FLEXcon does not recommend using this product for the following:
 - Angled window surfaces
 - Applying over windows that are equipped with defrosters or windshield wipers
 - Damage may occur when film is removed from substrates that are protected with anti-reflection or scratch resistant coatings
 - The improper application of vinyl film over an emergency exit window seal will not permit the emergency exits to function as intended. This may create a safety hazard if installed improperly by the graphic installer. In order to permit the exits to function, it is necessary to trim around the emergency exit window seals. Under the Vehicle Safety Act of 1966, any violation of this act will result in civil penalties.
- FLEXcon does not support perforated window marking applications in states or municipalities where such markings are prohibited and/or if the driver's view is obstructed.
- Users should be aware of any state or municipal laws governing minimum light passage that would affect the use of this product on vehicle windows, and are responsible for complying with such regulations.
- These products have not been tested against the standards for automotive Original Equipment Manufacturers (OEM) and should not be used for automotive OEM graphic applications.

Last Modified: 04/13/2015



SEETHRU-SIGN® STSWBF2

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties:		
Thickness (mils[microns])	Film: 7.2 (183) +/- 10% Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3) Liner: 7.4 (188) +/- 10%	ASTM D 3652
Dimensional Stability (%)	MD 0.40 TD 0.40	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Adhesion Properties:		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
Auto Glass	Oz/In (N/m) 13 (143)	
Expected Shear:		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	<1	
Tack (gm/sq cm):	100	ASTM D 2979
Expected Exterior Life:	Two years	
Service Temperature Range:	-40°F to 176°F (40°C to 80°C)	
Minimum Application Temperature:	40°F (4.5°C)	
Storage Stability:	Two years when stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above. Last Modified On: 04/13/2015



BUSart™ OV5055

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties:		
Thickness (mils[microns])	Film: 2.0 (51) +/- 10% Adhesive: 1.0-1.1 (25-28) +/- 0.1 (3) Liner: 1.0 (25) +/- 5%	ASTM D 3652
Dimensional Stability (%)	MD 0.50 TD 0.50	Applied Shrinkage: 24 hour dwell time on aluminum panel for 24 hours at 160°F (71°C)
Adhesion Properties:		
Ultimate Peel From	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Stainless Steel	43 (473)	
Acrylic	65 (715)	
Glass	53 (583)	
Polypropylene	17 (187)	
Expected Shear:		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	20+ (Film rips)	
Tack (gm):	270	ASTM D 2979
Expected Exterior Life:	7 years	
Service Temperature Range:	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature:	50°F (10°C)	
Storage Stability:	Two years when stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above. Last Modified On: 04/13/2015

