

Transit Bus Wraps

Bus wraps are a way to deliver promotional messages to a mass audience.

Pressure-sensitive base film and overlamine for bus wraps must be able to endure a variety of tough environmental conditions - UV rays, moisture, temperature extremes, and abrasion - 24 hours a day, 7 days a week, for up to 12 months.

Specially-formulated pressure-sensitive adhesives are designed to bond well to fiberglass, painted metal and stainless steel surfaces while being cleanly removable for up to one year.

*End Use Applications:
Bus Wraps (Body/Tail)
Train Wraps (Body/Tail)*

For more information on FLEXcon's pressure-sensitive film solutions for Transit, contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.

Product ID #: FLX000069



Product: Flexcon® BusArt™ V 400 F White A-69
90 PFW BA

Benefits:

- 3.9 mil flexible white opaque vinyl conforms to compound curved surfaces
- Film possesses good opacity for hiding previous graphics and painted surfaces
- Excellent printability via UV and solvent inkjet, UV and solvent screen, and latex
- Adhesive system is designed to adhere to and remove from the paint on sound* OEM bus surfaces
- Optimized repositionable/removable adhesive system designed for installation ease and clean removability for up to 1 year
- Removable pressure-sensitive acrylic adhesive adheres well to fiberglass, painted metal and stainless steel
- Release liner has excellent layflat properties for efficient printing and handling
- BusArt™ logo printed liner for easy product identification
- Approved by OUTFRONT Media and Vector Media for full bus and train wraps, ultra kings, ultra super kings, fullbacks and halfbacks
- Designed to be overlaminated with BusArt™ OV for protection of graphics against abrasion and bus/train cleaning
- Meets flammability requirements [ASTM E 162 - Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source](#) and [ASTM E 662 - Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials](#)

This product is part of Flexcon's Bus and Train Wrap Advertising System. It's used with [Flexcon® BusArt™ OV5020LBN \(Overlamine\)](#).

*Sound paint surface is defined as possessing a 20 lb. per inch minimum peel bond between the paints and the paint-receptive surface.

For Inkjet Printing: Typical max. ink limit = 250%. When storing printed graphics, sheeted, stacked or in roll-form, consider leaving an unprinted margin (about 1/4") to allow for potential shrinkage of the film before trimming



For installation instructions, visit: [Flexcon's Transit Technical Guide and Installation Instructions](#).

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PRODUCT DATA	VALUE	TEST METHOD	
Physical Properties			
Thickness (Mils[microns])	Film	3.9 (99) +/- 10%	
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	MD	0.75	
	TD	0.50	
Adhesion Properties			
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)	
	Oz/In		(N/m)
	Fiberglass		27 (297)
Painted Metal	25 (275)		
Stainless Steel	24 (264)		
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load	
Room Temp (hours)	5		
Tack (gm/sq cm)	230	ASTM D 2979	
Flammability	ASTM E 162 ASTM E 662		
Expected Exterior Life	Up to one year removability from sound paint surfaces with little or no adhesive residue		
Service Temperature Range	-20°F to 176°F (-29°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.
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