

Transit

Bus & Train Wraps - Window Perf Optically Clear Overlamine

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)
Wall Graphics*

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 #: FLX024229



Product: **Flexcon® BusArt™ OV5055**

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 a printed base film surface
- Permanent pressure-sensitive acrylic adhesive bonds well to smooth non-tinted glass surfaces
- Available in Quick-Ship for fast delivery
- Ultra-smooth polyester release liner provides ultimate smoothness and flow-out of adhesive on the overlaminating film
- 7 years expected exterior life
- Approved by OUTFRONT Media and Vector Media for full bus and train wraps, ultra kings, ultra super kings, fullbacks and halfbacks
- Overlamine is part of the Painted-On-Look Cast System, Flexcon® FlexMark® BilBrd™ CWRTS and BusArt™ OV5055 - for rough textured walls. Graphics applied with heat gun and foam roller

This product is part of Flexcon's Bus and Train Wrap Advertising System. It can be used with [Flexcon® SeeThru-Sign® STSWBF2 \(Base Film\)](#). For installation instructions, visit: [Flexcon's Transit Technical Guide and Installation Instructions](#).

BusArt™ OV5055 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 the Painted-On-Look Cast System, [FlexMark® BilBrd™ CWRTS](#) base film and BusArt™ OV5055 overlamine for wall graphics. For installation instructions, visit: [Flexcon's Technical Guide and Application Instructions](#).



*Optical clarity has many interpretations. Its

Flexcon® 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%		
Dimensional Stability (%)	MD	0.50		
	TD	0.50		
Adhesion Properties				
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)		
	Oz/In		(N/m)	
	Acrylic		65	(715)
	Glass		53	(583)
	Polypropylene		17	(187)
Stainless Steel	43	(473)		
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/sq cm)	270	ASTM D 2979		
Flammability	ASTM E 162 ASTM E 662			
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: 05/15/2024

