



BusArt™ OV5055 2 Mil Clear Cast Laminating Vinyl

Transit: Bus & Train Wraps - Window Perf Optically Clear Overlaminate

FLX024229

Benefits

- 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
- Overlaminate is part of the Painted-On-Look Cast System, Flexcon® FlexMark® BiBrd™ CWRTS and BusArt™ OV5055 - for rough textured walls. Graphics applied with heat gun and foam roller

Features

- 2.0 mil clear cast vinyl overlaminate with optically clear adhesive

Additional Details

- 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® BiBrd™ CWRTSbase film and BusArt™ OV5055 overlaminate for wall graphics. For installation instructions, visit: Flexcon's Technical Guide and Application Instructions.

*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.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	3.97	
Film	2.0 +/- 10 %	51
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	1.0 +/- 5%	25

Test Method: ASTM D 3652 (Modified for use with non-tape product)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	43	473
Acrylic	65	715
Glass	53	583
Polypropylene	17	187

Test Method: ASTM D 903 (Modified for 72 hr. RT dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	20+ (Film rips)	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	270	ASTM D 2979
Expected Exterior Life	Seven years	
Additional Information		
Service Temperature	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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