BusArt™ OV5055 2 Mil Clear Cast Overlaminating Vinyl

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

FLX024229

Benefits

- 7 years expected exterior life
- Approved by Intersection, OUTFRONT Media, and Vector Media for full bus and train wraps, ultra kings, ultra super kings, fullbacks and halfbacks

Features

- 2.0 mil clear cast vinyl overlaminate with optically clear adhesive
- Overlaminate protects printed graphics from abrasion and bus cleaning
- Overlaminating permanent acrylic adhesive bonds well to the printed base film surface
- Ultra-smooth polyester release liner provides ultimate smoothness and flow-out of adhesive on the overlaminating film

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® BilBrd™ CWRTSbase film and BusArt™ OV5055 overlaminate for wall graphics. For installation instructions, visit: Flexcon's Transit Technical Guide and Installation 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

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

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