

Transit

Bus & Train Wraps - Body 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 Posters

Bus Wraps (Body/Tail)

Train Wraps (Body/Tail)

For more information on FLEXcon's pressure-sensitive film solutions for transit bus and train wraps - body overlamine contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.

Product ID #: FLX066536



Product:

**Flexcon® BusArt™
OV5020LBN**

Benefits:

- 3.5 mil flexible luster overlaminating vinyl provides a luster finish
- Overlamine protects printed graphics from abrasion and bus cleaning
- Permanent overlaminating pressure-sensitive adhesive bonds well to printed base film surface
- Backed with a 44 lb. polycoated natural Kraft release liner that results in good adhesive clarity
- Flexible overlamine and base film (BusArt™ V 400 F White A-69 90 PFW BA) provides conformability around bus surfaces that are curved, flat or flat with rivets
- Approved and specified by OUTFRONT Media and Vector Media
- 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™ V 400 F White A-69 90 PFW BA \(Base Film\)](#).

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

Flexcon® BusArt™ OV5020LBN

| PRODUCT DATA | VALUE | | TEST METHOD |
|---------------------------------|---|-----------------------------|---|
| Physical Properties | | | |
| Thickness (Mils[microns]) | Film | 3.5 (89) +/- 10% | ASTM D 3652 (Modified for use with non-tape products) |
| | Adhesive | 1.0-1.1 (25-28) +/- 0.1 (3) | |
| | Liner | 3.1 (79) +/- 10% | |
| Dimensional Stability (%) | MD | 0.50 | Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) |
| | TD | 0.50 | |
| Adhesion Properties | | | |
| Ultimate Peel from | Average | | ASTM D 903 (Modified for 72 hour dwell time) |
| | Oz/In | (N/m) | |
| Acrylic | 66 | (726) | |
| Glass | 58 | (638) | |
| Stainless Steel | 58 | (638) | |
| Expected Shear | | | ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load |
| Room Temp (hours) | 15 | | |
| Tack (gm/sq cm) | 240 | | ASTM D 2979 |
| Flammability | ASTM E 162 | | |
| | ASTM E 662 | | |
| Expected Exterior Life | One year | | |
| Service Temperature Range | -40°F to 176°F (-40°C to 80°C) | | |
| Minimum Application Temperature | 40°F (40°C) | | |
| Storage Stability | One year 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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