

Transit

Bus Posters (Kings, Queens & Tails)

Bus posters convey messages over a wide geographic area reaching a large audience. Displayed on the side and back panels of buses, bus posters must stand up to a range of tough environmental conditions. These conditions include UV rays, moisture, temperature extremes and abrasion - often 24 hours a day, seven days a week, for up to 12 months. Pressure-sensitive film is ideal for these applications because it is durable to withstand the stringent environmental conditions and bonds well to painted metal and plastic without peeling or lifting.

End Use Applications:
Bus Posters (Kings, Queens & Tails)

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 #: FLX012068



Product:

FLEXcon® BUSmark® 5820

Benefits:

- 3.4 mil flexible white opaque vinyl offers high opacity for covering previous graphics
- Provides good resistance to scuffing, tearing and abrasion
- Primed for excellent ink adhesion and printability via conventional offset
- Removable pressure-sensitive acrylic adhesive bonds well to painted metal and painted plastic
- Adhesive is cleanly removable for up to one year from most smooth OEM surfaces. This product will not damage paint on sound* OEM or repainted bus surfaces
- Up to three layers may be applied provided the original BUSmark® signage has been applied for six months or less
- Excellent layflat release liner properties for printing and finishing
- Release liner is backside printed with the BUSmark® logo for easy product identification
- Approved and specified by Intersection, OUTFRONT Media, and Vector Media

Recommendations: This product is designed for use on smooth, flat surfaces and should not be applied over corrugations or rivets. Prior to application, the surface(s) must be clean and dry. Please be sure that printed graphics, using solvent inkjet, have been allowed to thoroughly dry, either through the use of heat or by exposing unrolled material to the air. If excessive solvents remain, they may penetrate the vinyl causing it to become overly soft and pliable, inhibiting proper installation and removal of the graphic.

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](#)

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



FLEXcon® BUSmark® 5820

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	3.4 (86) +/- 10%
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	less than 0.75
	TD	less than 0.75
Elongation (%)	MD	110 +/- 25
	TD	200 +/- 50
Tensile Strength (psi)	MD	3700 +/- 400
	TD	3400 +/- 400
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)
	Painted Metal	25 (275)
Painted Plastic	27 (297)	
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
Removability	Up to one year	
Service Temperature Range	-20°F to 176°F (-29°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Shelf life of 2 years unprinted, or 1 year processed and applied within 1 year of processing.	
	Storage Conditions: Store at 70°F (21°C) and 50% relative humidity; out of direct sunlight.	

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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