

Transit

Taxi Top - Backlit

Taxis are moving billboards, and with exterior backlit taxi top advertisements this enables mass audience exposure. Pressure-sensitive films and adhesives for backlit taxi top panels provide uniform light diffusion properties, resistance to heat and cold weather, cold-crack resistance, good bond to acrylic and polycarbonate surfaces, and easy installation and removal with little or no adhesive residue.

*End-Use Application:
Backlit Taxi Tops*

For more information on FLEXcon's pressure-sensitive film solutions for backlit taxi tops, contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.

Product ID #: FLX000638



Product: Flexcon® LiteCal® 5200

Benefits:

- 6.0 mil flexible white translucent vinyl film for backlit exterior-mounted graphics
- Film is highly translucent and provides excellent uniform light diffusion
- Superior cold weather, cold-crack properties
- Excellent printability via UV and solvent screen, UV and solvent inkjet and UV lithographic inks
- Versatile, removable pressure-sensitive acrylic adhesive provides a good bond to polycarbonate and acrylic
- Removes cleanly with little or no adhesive residue
- Excellent layflat release liner properties for printing and converting
- Release liner is backside printed with the LITEcal® logo for easy product identification
- Curb Mobility Approved

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

Flexcon® LiteCal® 5200

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	6.0 (152) +/- 15%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	MD	0.75	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	20	(220)	ASTM D 2979
Polycarbonate	24	(264)	
Tack (gm/sq cm)	160		
Expected Exterior Life	One year removability from polycarbonate or acrylic with little or no adhesive residue		
Service Temperature Range	-20°F to 176°F (-29°C to 80°C)		
Minimum Application Temperature	50°F (10°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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