

# 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
- Curb Mobility Approved
- 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](#)

### 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
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	6.0 (152) +/- 15%
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	0.75
	TD	0.50
<b>Adhesion Properties</b>		
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	
Flammability	ASTM E 162 ASTM E 662	
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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