

2100 Series | – Premium High Performance Cast Vinyl Film

Lumina series 2100 is a premium quality, flexible, solid and metallic opaque gloss vinyl film designed for use in architectural signage, striping, transportation graphics and general sign markings. This series offers exceptional value for applications requiring extended durability. To order punched material, use part number 2200.

Film Technology | Cast (PVC)

Film Thickness | 2 mil

Color | Variety of solid and metallic colors – see color chart.

Outdoor Durability | 9 years (solid colors), 6 years (metallic colors)

Finish | Gloss

Blockout | No

Adhesive | Clear permanent (Acrylic)

Liner | 78#

Conformability | Curves, Rivets, Corrugations, and Flat Surfaces

Shelf Life | 2 years

<u>CUTTING</u>	<u>PRINTING</u>	<u>INSTALLATION</u>
Computer Cut Yes Steel Rule Yes Thermal Die yes Flat Bed Yes Sheetable Yes Laminate yes/cold	Thermal Transfer Yes Solvent No Eco-Solvent No Latex No UV No Screen Yes	Wet Apply Yes Min. App. Temp. 40°F (Optimum 60 degrees) Interior / Exterior Yes

<p><u>FILM</u></p> <ul style="list-style-type: none"> • Film Thickness__ (mils/μm) .002 inches • Film Weight__ (gsm) N/A • Gloss__ (60°) >80 • Opacity__ (%) > 80 • Tensile Strength__ (lbs/in) 2.5 • Elongation__ (%) >120 • Dimensional Stability__ (48 Hrs @ 160 F) 0.01 in 	<p><u>ADHESIVE</u></p> <ul style="list-style-type: none"> • Adhesive Type__ Permanent Acrylic • Adhesive Thickness__ 1 mil • Adhesive Color__ Clear/White • Peel Strength__ (lbs/in) 4.0
<p><u>LINER</u></p> <ul style="list-style-type: none"> • Liner Weight__ (#/gsm) 78# • Liner Type__ White 2-Sided PE-Coated Kraft • Liner Thickness__ (mils/μm) 4.8 • Release Force__ @ 12"/min (g/2") 50 	<p><u>PERFORMANCE GUIDANCE</u></p> <ul style="list-style-type: none"> • Application Temp.__ > +40 °F • Service Temp.__ -50 °F to +225 °F • Shelf Life__ 2 years • Storage Temp. / Rel. Humidity__ 73 °F / 50% • Outdoor Durability__ 6 to 9 years • Removability__ 1 year without residue

NOTE - For further information regarding printing, substrate cleaning, application, maintenance, durability, and removal please review the corresponding instructional bulletin available at fdcfilms.com.

WARRANTY - Data provided by FDC Graphic Films, Inc. is for general information only. This data is not to be used for exacting specification purposes. Always pre-test the product. Suitability for any given application is the responsibility of the user. Since FDC Graphic Films, Inc. cannot control the conditions under which the products referred to herein may be used or handled, it can make no guarantee as to the effectiveness, safety, or applicability with respect hereto. FDC Graphic Films, Inc.'s only obligation shall be to replace such a quantity of product proven to be defective. FDC Graphic Films, Inc. shall not be liable for any injury, loss, or damage, direct or consequential, arising out of the use of or inability to use the product. Before using, the user shall determine the suitability of the product for their intended use, and the user assumes all risk and liability whatsoever in connection therewith. The seller, FDC Graphic Films, Inc., shall not be liable for any default or delay caused by contingency beyond its control or the control of its supplier including but not limited, to short or reduced supply of fuel, or other integral components of the product.

<MA>