Lumina™ by FDC

**Product Data Bulletin**
*v.10/02/2023*

## 7250 Series | Lumina Print Media: Intermediate Calendered, High-Tack Adhesive

FDC 7250 series is an Intermediate grade calendered vinyl film designed for printing permanent graphics, signage and decals requiring medium-term durability with a strong bond. This product features an aggressive high-tack adhesive, which provides excellent adhesion.

---

**Film Technology** | Calendered (PVC)

**Film Thickness** | 3 mil

**Color** | White

**Outdoor Durability** | 5 years

**Finish** | Gloss

**Blockout** | No

**Adhesive** | Permanent / Clear (High Tack)

**Liner** | 90#

**Conformability** | Flat/Simple Curves

**Shelf Life** | 1 Year

| CUTTING | PRINTING | INSTALLATION |
|---|---|---|
| **Computer Cut** \| Yes | **Thermal Transfer** \| Yes | **Wet Apply** \| Yes |
| **Steel Rule** \| Yes | **Solvent** \| Yes | **Min. App. Temp.** \| 40°F |
| **Thermal Die** \| Yes | **Eco-Solvent** \| Yes | **Interior / Exterior** \| Yes |
| **Flat Bed** \| Yes | **Latex** \| Yes | |
| **Sheetable** \| Yes | **UV** \| Yes | |
| **Laminate** \| Yes / Cold | **Screen** \| Yes | |



FDC Graphic Films, Inc. | 3820 William Richardson Dr., South Bend, IN 46628 |
orders@fdcfilms.com | fdcfilms.com | 800.634.7523

Lumina™ by FDC

# Product Data Bulletin

*v.10/02/2023*

| **FILM** | **ADHESIVE** |
|---|---|
| • **Film Thickness**__(mils/µm) 3.0 / 76 (+/- 10%)<br>• **Film Weight**__(gsm) 104<br>• **Gloss**__ 60° Reflection (80 Gloss Units)<br>• **Opacity**__ (%) 94<br>• **Tensile Strength**__ (lbs/in) MD > 3500 / CD > 3500<br>• **Elongation**__ (%) MD > 200 / CD > 200<br>• **Dimensional Stability**__ (FTM 14) MD < 1.80 mm / CD < 1.00 mm | • **Adhesive Type**__ Emulsion Acrylic<br>• **Adhesive Thickness**__ (mils/µm) .08-1.0 / 20-25<br>• **Adhesive Color**__ Clear<br>• **Peel Strength** __ (lbs/in) (N/25mm) 24 hrs 4.0 / 18 |
| **LINER** | **PERFORMANCE GUIDANCE** |
| • **Liner Weight**__ (#/gsm) 90 / 145<br>• **Liner Type**__ White 2-Sided PE Coated Kraft<br>• **Liner Thickness**__ (mils/µm) 6.7 / 170<br>• **Release Force**__ @ 360" / min (g/2") 10-25 | • **Application Temp.**__ On clean, dry substrate > +40 °F<br>• **Service Temp.**__ -40 °F to 180 °F<br>• **Shelf Life**__ up to 1 year<br>• **Storage Temp. / Rel. Humidity**__ 70°F (21°C) and 50% relative humidity<br>• **Outdoor Durability**__ up to 5 years |

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>