

## 7010 – Laminate: Intermediate Calendered

Lumina® series 7010 is an intermediate grade calendered vinyl laminate designed for use over calendered vinyl films to provide protection from UV exposure, chemicals and abrasion. This product is ideal for general purpose applications and provides medium-term durability.

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Film Technology:	Calendered - PVC
Film Thickness:	3.2 mil.
Color Availability:	Gloss Clear (000), Luster Clear (100), Matte Clear (200)
Outdoor Durability:	5 years - when properly processed and applied (*Expected Durability: unprinted media, vertical exposure and ideal conditions.)
Adhesive/Color:	Permanent / Clear
Liner:	90# Layflat
Application:	Flat Surfaces, Simple Curves
Chemical Resistance:	Resistant to: alkalis, mild acids, most petroleum based oil, grease and aliphatic solvent
Temperature:	Minimum Application Temperature is 40°F
Shelf Life:	1 year-when stored at 70°F and 50% relative humidity
Computer Cut:	Yes
Steel Rule:	Yes
Thermal Die:	Yes
Flat Bed:	Yes
Sheetable:	N/A
Laminate:	Yes/Cold
Printing:	(*A print test is recommended prior to production to determine the suitability of this product given a particular printer, rip, ink type and ink set. Allow at least 24 hours for inks to dry and properly outgas prior to lamination, cutting or application.)
Shelf Life:	1 year

Note: For further information regarding: printing, substrate cleaning, application, maintenance, durability and removal please review the corresponding instructional bulletin available at [www.fdcfilms.com](http://www.fdcfilms.com).

Warranty: Data provided by FDC is for general information only. This data is not to be used for exacting specification purposes. Always pre-test product. Suitability for any given application is the responsibility of the user. Since FDC cannot control the conditions under which the products referred to herein may be used or handle, it can make no guarantee as to the effectiveness, safety or applicability with respect hereto. FDC's only obligation shall be to replace such quantity of product proven to be defective. FDC shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use 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, 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, short or reduced supply of fuel, or other integral components of the product.