



## 2100 Series! FDC® Premium High Performance Cast Vinyl Film

FDC 2100 series 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.

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<b>Film Technology:</b> .....	<b>Cast - PVC</b>
<b>Film Thickness:</b> .....	<b>2.0 mil.</b>
<b>Color Availability:</b> .....	<b>Variety of solid and metallic colors – see color chart</b>
<b>Outdoor Durability:</b> .....	<b>9 years (solid colors), 6 years (metallic colors) – when properly processed and applied</b> (*Expected Durability: unprinted media, vertical exposure and ideal conditions. Metallic films should not be used in horizontal applications.)
<b>Adhesive:</b> .....	<b>Permanent / Clear – Acrylic</b> (*Some colors have opaque adhesive – see color chart.)
<b>Adhesion:</b> .....	<b>3.5 lbs/in – 15 min, 5 lbs/in – 24 hrs</b> (PSTC-1, 180° peel @ 12” / min, 73° F, on stainless steel. Typical values – individual values may vary. Test prior to use.)
<b>Liner:</b> .....	<b>78# Kraft</b>
<b>Application:</b> .....	<b>Flat Surfaces, Curves, Rivets and Corrugations</b>
<b>Printing:</b> .....	<b>Thermal Transfer, Screen</b> (*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.)
<b>Chemical Resistance:</b> .....	<b>No Effect: Humidity, Gasoline</b> (*007 Silver Metallic has a top coating to improve outdoor durability which may be damaged with chemical exposure. Test all chemicals prior to use.)
<b>Tensile Strength:</b> .....	<b>&gt; 4.5 lb/in width</b>
<b>Elongation:</b> .....	<b>Opaque &gt; 170%, Metallic &gt;100%</b>
<b>Dimension Stability:</b> .....	<b>0.010 – 0.020 in.</b>
<b>Temperature:</b> .....	<b>Minimum Application Temperature is 40°F – Optimum 60°F</b> (*Temperature applies for: graphics, substrate and environment.) <b>Service Temperature is -40°F to 200°F</b>
<b>Shelf Life:</b> .....	<b>1 year - when stored at 70°F and 50% relative humidity</b>

**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).**

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Warranty: Data provided by FDC is for general information only. This data is not to be used for exacting specification purposes. Always pretest 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 handled, 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 the inability to use the product. Before using, the user shall determine the suitability of the product for his intended use, and 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.

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