



## 7102 Series – FDC® Print Media: Premium Cast

FDC 7102 Series is a premium grade cast vinyl film designed for printing permanent graphics, signage and decals requiring long term durability with conformability. This product is available in two finishes, 002 a gloss white film which features an opaque grey adhesive for blockout and layering and 000 a gloss clear film with a clear adhesive.

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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>Gloss Clear (000), Gloss White (002)</b>
<b>Outdoor Durability:</b> .....	<b>7 years - when properly processed and applied</b> (*Expected Durability: unprinted media, vertical exposure and ideal conditions.)
<b>Adhesive:</b> .....	<b>Permanent / Grey – Acrylic (White Film)</b> <b>Permanent / Clear – Acrylic (Clear Film)</b>
<b>Adhesion:</b> .....	<b>2.5 lbs/in – 15 min</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>90# Layflat</b>
<b>Application:</b> .....	<b>Flat Surfaces, Curves, Rivets and Corrugations</b>
<b>Printing:</b> .....	<b>Thermal Transfer, Solvent, Eco Solvent, UV Inkjet, Screen, Latex</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:</b> Water (24 hr), 10% Ammonium Hydroxide (10 min), 10% HCL (10 min), SAE 20 Motor Oil (10 min)
<b>Dimensional Stability</b> .....	<b>0.015 in (48 hrs @ 150°F)</b>
<b>Temperature:</b> .....	<b>Minimum Application Temperature is 40°, 60° if surface has rivets and corrugations</b> (*Temperature applies for: graphics, substrate and environment.) <b>Service Temperature is -40°F to 175°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.