



## 7116 – Print Media: Premium Cast, Translucent

FDC series 7116 is a premium grade cast translucent vinyl film designed for printing backlit graphics and signage requiring long-term durability.

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| <b>Film Technology:</b> .....     | <b>Cast Translucent - PVC</b>   |
| <b>Film Thickness:</b> .....      | <b>2.0 mil.</b>   |
| <b>Color Availability:</b> .....  | <b>Gloss White (020)</b>  |
| <b>Outdoor Durability:</b> .....  | <b>7 years - when properly processed and applied</b><br>(*Expected Durability: unprinted media, vertical exposure and ideal conditions.)  |
| <b>Adhesive:</b> .....            | <b>Permanent / Clear - Acrylic</b>  |
| <b>Adhesion:</b> .....            | <b>2.8 lbs/in – 15 min, 4.0 lbs/in – 24 hrs</b><br>(PSTC-1, 180° peel @ 12” / min, 73° F, on stainless steel.<br>Typical values – individual values may vary. Test prior to use.)   |
| <b>Liner:</b> .....               | <b>90# Layflat</b>  |
| <b>Application:</b> .....         | <b>Flat Surfaces</b>  |
| <b>Printing:</b> .....            | <b>Thermal Transfer, Solvent, Eco Solvent, UV Inkjet, Screen</b><br>(*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> Distilled Water (24 hr), Detergent (24 hr), 10% Ammonium Hydroxide (10 min), Gasoline (1 hr), 10% HCl (10 min)  |
| <b>Temperature:</b> .....         | <b>Minimum Application Temperature is 40°F</b><br>(*Temperature applies for: graphics, substrate and environment.)<br><b>Service Temperature is -50°F to 225°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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