

STANDARD PRELAM AND PRELAM LITE PRODUCT LINES SPECIFICATION SHEET**PL5C, PL6C, PL5W, PL6W**
PL3CL, PL5CL, PL6CL, PL3WL, PL5WL, PL6WL**Material****Usage Intent:**

To create premium quality, highly durable plastic cards (primarily used for I.D. applications) that will surpass high humidity and stress crack environmental testing far better than any commercially available product. These products are **not** meant to be substituted for standard bleed film overlay in cases of full ink bleeds on plastic cards and are **not** meant for applications where card embossing is required. Laser marking and ablation personalization should be tested on sample card build-ups, with job specific ink draw-downs. Please note that the white Prelam uses a white buffer one side only and is therefore translucent, not opaque. Special attention should be paid to the opacity of the PVC core stock used with the white Prelam to ensure compliance with ISO opacity specifications.

Composition:

Clear oriented Polyester with buffer compound designed to platen laminate to PVC. This product can also be substituted for the PVC outer layer of the final card construction. It will accept Dye-Diffusion thermal transfer printing (D2T2) as well as tipping foil.

Thickness:

Currently .003", .005" or .006" + or – 10% are available, but custom thicknesses are available on request.

Form Factor:

Sheets or rolls are available. Sheet tolerances are + or – 1/16" on diagonals and rolls are + or – 1/32" on width. Weight per roll or container by customer agreement.

Lamination/Platen**Temperature:**

Optimally laminates at 15 degrees Fahrenheit higher platen temperature than standard PVC. Adding 10% to temperature and pressure may yield better results. Since each laminator is unique, testing is required to find the best parameters for your equipment.

Diecutting:

Cuts more smoothly than PVC.

Heat Resistance:

In card form, the maximum heat distortion temperature is approximately 220° Fahrenheit when platen laminated at the highest possible temperature to Homopolymer PVC.

Storage

Recommendations: Store in original containers in a cool, dry warehouse.

Specific Gravity: 1.45 ± 5%

Please refer to the MSDS for safety and handling precautions.

Please contact your CompoSecure representative for more detailed operating and testing procedures.