

EWG[®]2500

Glassine Running Tips



Tip #1

Use an adhesive that was designed for the application of glassine to your substrate. Generally a high solid content window gum is used to lower the presence of moisture. Consult your adhesive supplier for what will work best.

Tip #2

Running a Dot or Slot Matrix gummer can help reduce puckering around the glue line.

Tip #3

The amount of adhesive put down is critical. Unlike your normal polystyrene Envelope Window Film, glassine only requires a trace of window gum to stick the window effectively.

Note: A very narrow glue line with the least amount of adhesive is extremely important when trying to control an excessive adhesive problem.

Tip #4

Installing an infrared lamp to preheat the glassine helps reduce the amount of reaction between the paper substrate and glassine window patch.

Tip #5

Glassine is not recommended to be used on envelopes that will have more than one standard size window. Envelopes with multiple windows are more susceptible to warping when windowed with glassine.

Tip #6

Papers that are extremely porous are not recommended to be used when glassine is the window covering material of choice. The highly absorbent properties of porous paper combined with the dimensionally unstable properties of glassine will cause the envelope to experience an extreme level of expansion or contraction, severe warping of the envelope can occur. This is called hygroexpansivity.

Tip #7

Remember, glassine and paper are both hygroscopic and are not dimensionally stable. They both are derived from wood, however, they react to moisture differently. Very rarely will you find two, when exposed to moisture, expand or contract together, especially when the two are configured as an envelope. To avoid the potential of the warping effect, it is highly recommended that envelopes containing glassine windows not be stored, transported or exposed to environmental conditions that experience extreme temperature or humidity changes.

Although, Multi-Plastics, Inc. has provide these tips to help minimize the typical problems associated with Glassine windowed envelopes, NO WARRANTY OR GUARANTEE IS IMPLIED. These tips have been derived from envelope manufacturing experts and are subject to your testing and approvals.

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