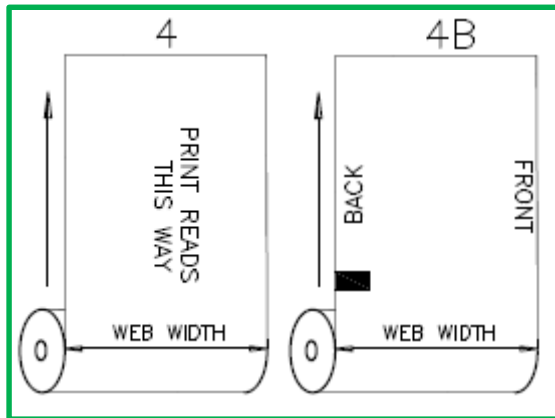


Atlapac Child Guard Converting Capabilities

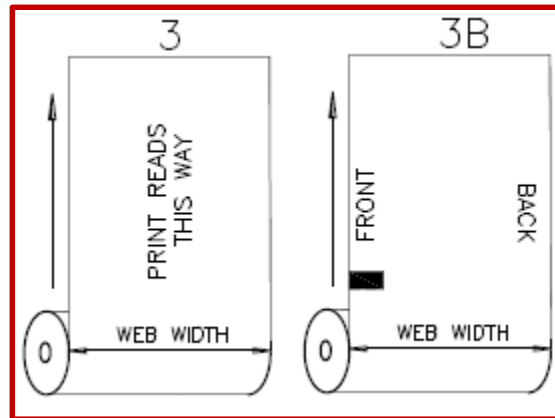
We are excited to offer pouches made with Child Guard slider closures. In order to meet and exceed our customer’s expectations, we have listed the general manufacturing capabilities and some of the general film attributes and product specifications that we would like to see to help insure successful pouch converting. More information about Child Guard (testing, etc.) can be found here <http://www.atlapac.com/news/atlapac-child-guard-release/>.

Film

- **Wind**
 - We prefer to have the sealant layer wound “in”. This helps keep the sealant layer clean during the entire bag making process and makes film identification much easier. If winding the sealant layer in is not possible we have the ability to run film where it is wound out.
 - When running printed film each machine has a Photo Eye that reads each impression with regard to repeat length. Many times we can “trip” off of a printed element on the bag, but the majority of the time we need an “eyemark” to trip off of. It is important that the eyemark is on the correct side of the web with respect to how the film is wound. Please see the diagrams below:



We would prefer film be wound as a #4 (with respect to the front panel). Locate the eyemark as shown in 4B.



A #3 (with respect to the front panel) will work as well; however it will require the eyemark to be placed on the front panel as shown in 3B.

Either of these unwinds will insure that the eyemark will be readable to the Photo Eye.

- No micro-dots, logos, or markings of any kind may be in the eyemark track area.
- Consult with Atlapac before you send in printed film. Written approval is required.
- Minimum eye mark size is 1/8" x 1/2". Eyemark color should contrast from the background color of the film web.
- **Roll diameters and core sizes:**
 - Maximum Roll OD: 23"
 - Minimum Roll OD: 20" (not including end of run butt rolls).
 - Core sizes: 3" (preferred) and 6".
- **Trim**
 - Unlike a standard pouch, slider pouches, whether they are a standard slider or Child Guard, must not have any trim included in the web.
- **Zipper type:**
 - We will offer two general styles of zipper for Slider applications:
 - **Two piece flange** – both sides of the flange are sealed to their respective pouch panels. This type of Slider pouch will be filled through the zipper and no finished seal at the filler is needed.



- **Tamper Evident** – this is a one piece flange that is sealed to one of the pouch panels and the other panel is left unsealed. This will allow the pouch to be filled “behind” the zipper. Once the pouch has been filled, it will need to be sealed at the top to eliminate the open side. The consumer will access the contents of the pouch by breaking the flange membrane after opening the zipper.
 - ❖ The Tamper Evident flange will not be available until Q1 2016.

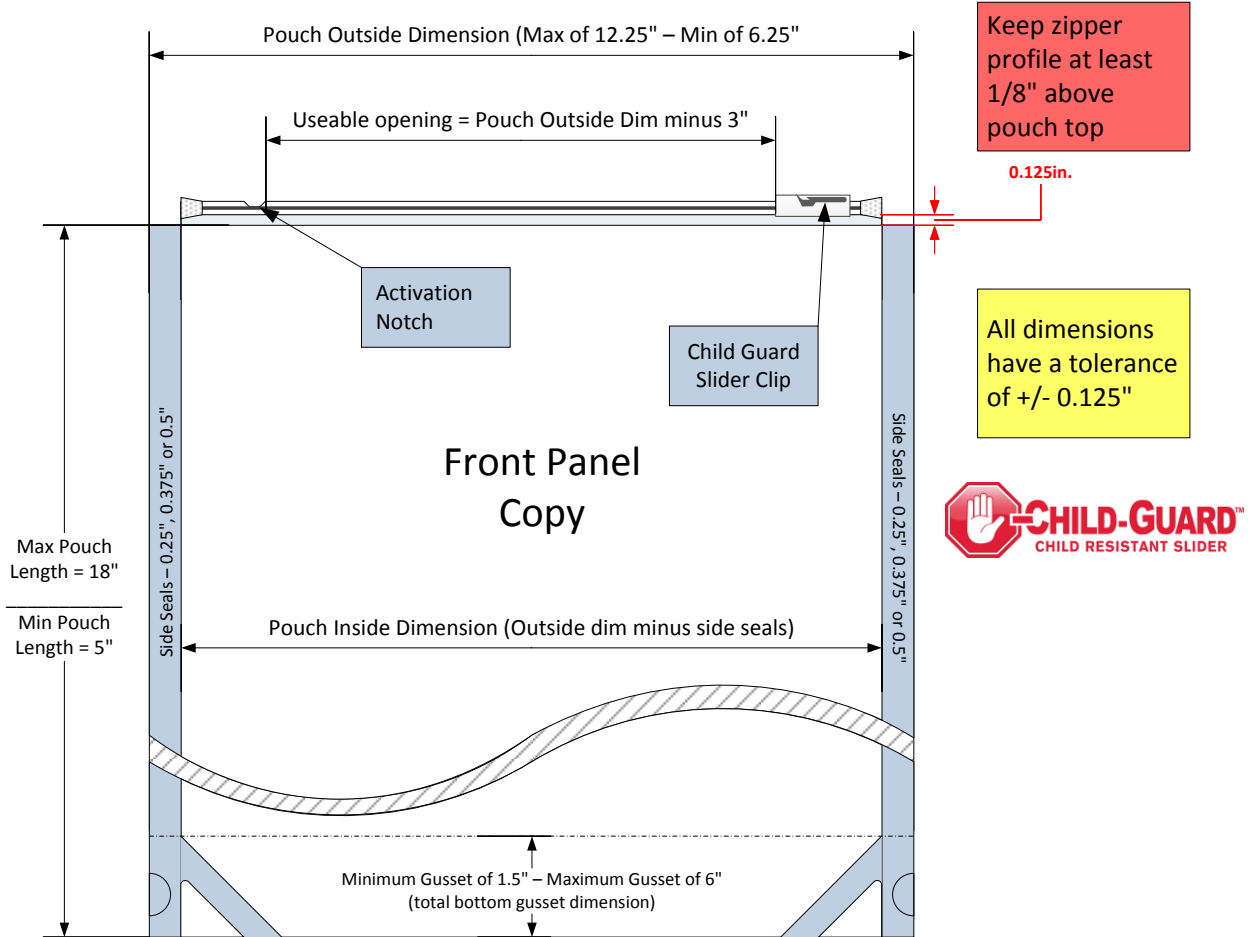
“Fill from behind” Slider application



- ❖ **Note:** it is very important to specify any preference as to which panel of the pouch that the zipper flange should be sealed. This decision has a direct impact on what finished wind we will want to have sent to us:
 - For the zipper flange to be sealed to the front panel, we would want the film sent to us with a #3 unwind (with respect to the front panel graphics). If this configuration is desired, we must make certain that there is an element that will allow the photo eye to trip (eye mark etc.).
 - For the zipper flange to be sealed to the back panel, we would want the film sent to us with a #4 unwind (with respect to the front panel graphics).

- **Child Guard Slider Clip:**
 - Slider clip comes in red or white.





Zipper Track and Slider Clip Detail:

Zipper Track Dimensions: 1.1875" long x 0.125" wide at the profile
Profile color is white.

Slider Clip Dimensions: 0.875" long x 0.328" wide x 0.375" tall
Available in Red or White

Maximum Opening on the Two Piece flange (Fill through the zipper) =
Pouch Width minus 3" (use caution when thinking about a narrow pouch)

Maximum Opening on the Tamper Evident (Fill behind the zipper) will be equal to
the Pouch Inside dimensions.