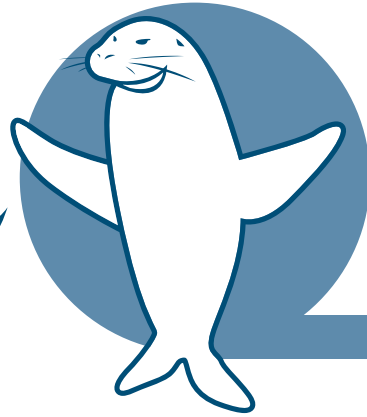


THE VINYL PROCESS

what we do and how we do it

Our basic process is calendering. P.V.C. resins, plasticizers and fillers which are stored in tall silos, or in bags - such as the likes of me - are the raw materials.



The process starts when the ingredients are weighed and mixed in a blender according to our special formulae.

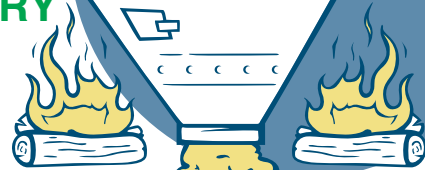


BLENDER



The blend is heated in excess of 300° and colour pigmentation is added.

BANBURY



MILLS



EXTRUDER



The compound is passed through two mills and extruded onto a Calender.

CALENDER

The calender is a configuration of hot revolving rolls. The compound is fed between the hot rolls, pressed into sheet form to the desired thickness (gauge) and then passed over cooling rolls.

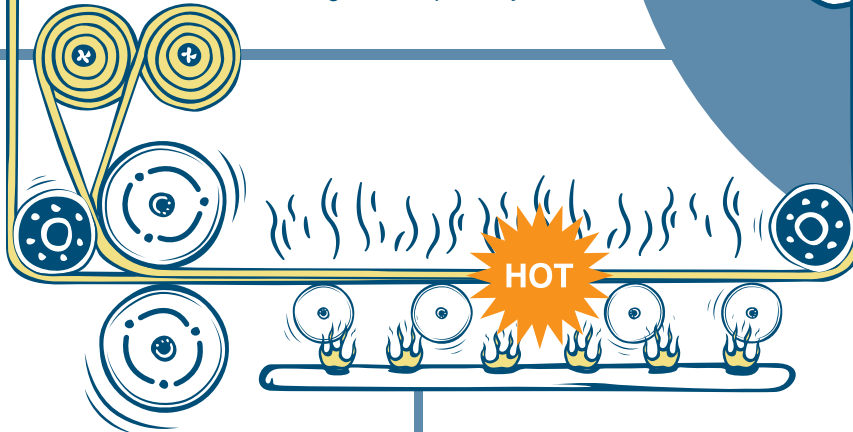


PRINTING

The film is printed by rotogravure method - using engraved rolls. Here, when a roll revolves in an ink tray, the tiny engraved cells pick up the ink and print it on the film. Beautiful patterns appear when up to five registered colours are used.

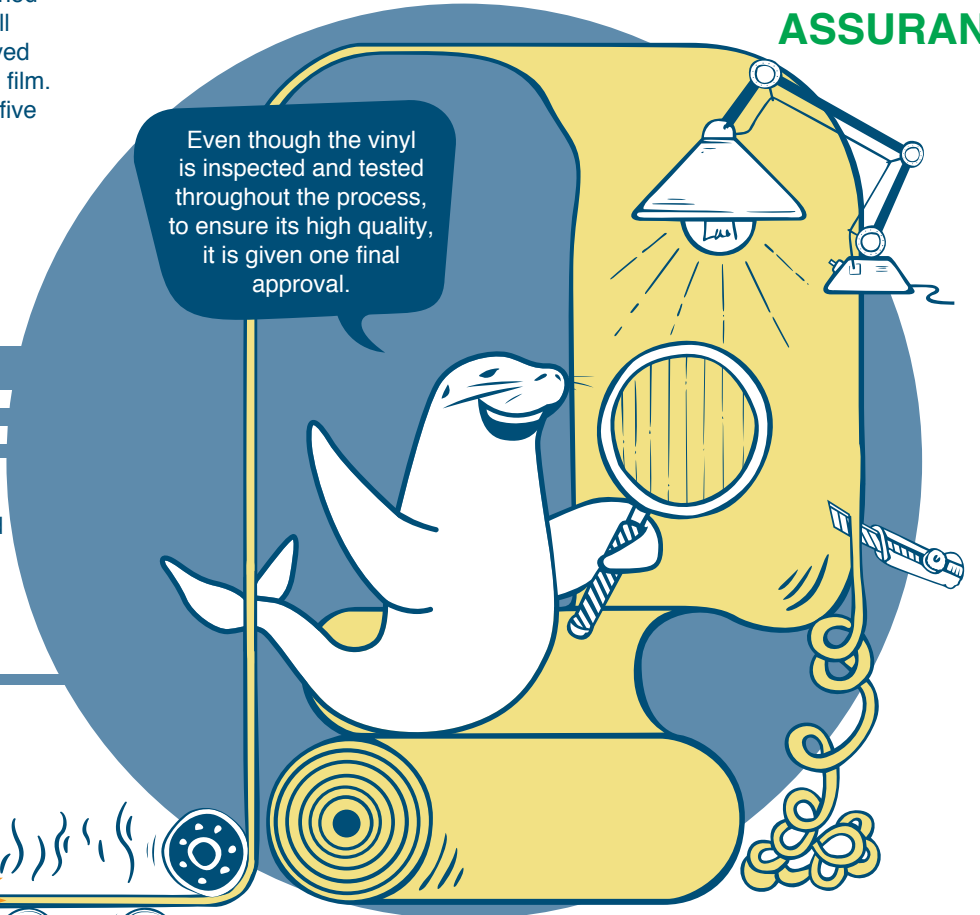
LAMINATING

In this process, the reverse side of the vinyl is coated with an adhesive, brought together with material such as cotton, polyester or fibreglass, and then heated to ensure the strength of the piled layers.



QUALITY ASSURANCE

Even though the vinyl is inspected and tested throughout the process, to ensure its high quality, it is given one final approval.



SHIPPING

The vinyl is then shipped to customers who use it to make an infinite number of products.



www.true-seal.com

905-418-5020 | info@true-seal.com
15 Allstate Parkway, 6th Floor, Markham, ON L3R 5B4