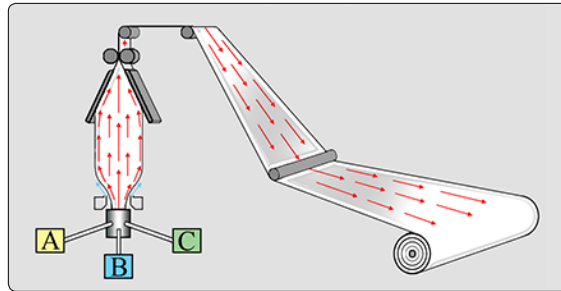


IntePlus®

IntePlus® XF is an incredibly strong and high performing, co-extruded, cross-laminated film. IntePlus® XF is produced by an exclusive patented process that includes the following three steps.

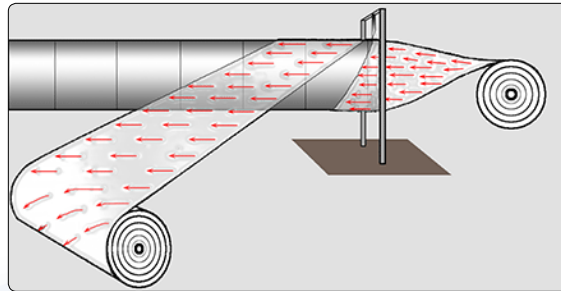
First Process

The co-extruded film is blown from a three-ply resin structure, keeping the molecular orientation in the direction of machine operations.



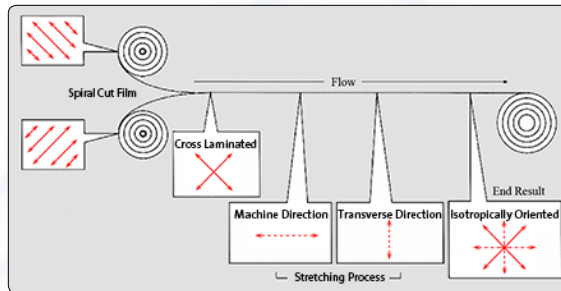
Second Process

The film bubble is cut at a specific angle by a spiral-cutting machine. Now the molecular orientation of the cut film is cross to the machine direction with a specific angle.



Third Process

Multi-layers of the spiral cut films, with orientations at opposite angles, are laminated together.



The cross-laminated film has to go through a stretching process in different directions, so the molecules of the final products are isotropically oriented. This process highly enhances the strength of the film.