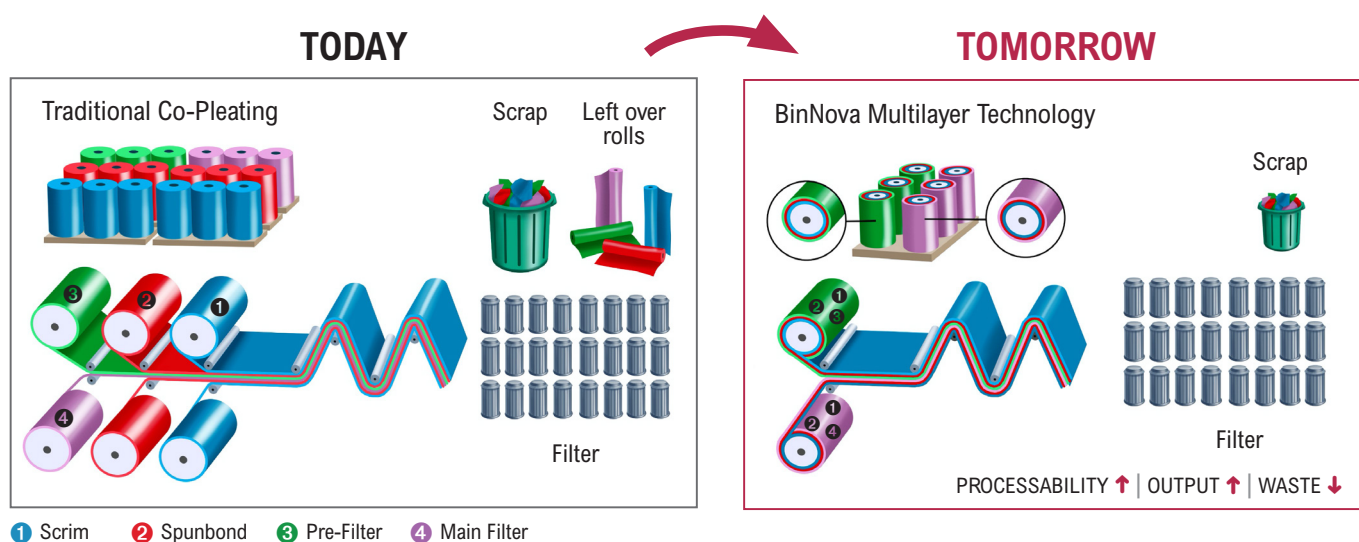


BinNova Microfiltration Multilayer Technology

BinNova Microfiltration has developed unique capabilities to provide filtration materials with unmatched performance parameters. Filtration performance is defined by **dp – eff @ cap** (pressure drop vs. filtration efficiency @ dirt holding capacity). On one side it is based on best performing wet laid filtration substrates made from glass and/or synthetic fibers, on the other hand it is also achieved by our very special technology to make **MultiLayer Composite (MLC)** materials.



- MLCs combine the pros of different materials to optimize the final composite material.
- MLCs maintain high dirt holding capacity and do not compromise pressure drop.
- MLCs stand for superior mechanical stability.
- MLCs safeguard high converting efficiency in the filter manufacturing process.
- MLCs provide significantly better logistics for the filter manufacturer than sourcing, warehousing and using different layers from different suppliers, which are not perfectly synchronized as far as length and width of each layer is concerned.

- Only 1 supplier instead of multiple suppliers
- Perfectly synchronized roll length apart from well synchronized roll width
- Lower risk of breakages/interruptions during the pleating process
- Minimized storage area demand

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