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# Thickness Uniformity

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## Thickness Uniformity

Transients in the flow from the extruder will cause thickness non-uniformity in the sheet. This can be minimized in the design of the extrusion line by putting the filter close to the die. This maximizes the volume of plastic upstream of the filter, and this volume will help absorb (smooth) fluctuations in flow so they do not reach the exit of the die. The large pressure drop of the filter serves as a barrier to rapid flow change.

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