

Paper and Other Web Coating Process Overview Diagrams

This document provides diagrams of common web coating processes. The document is intended to be used for informational purposes only.

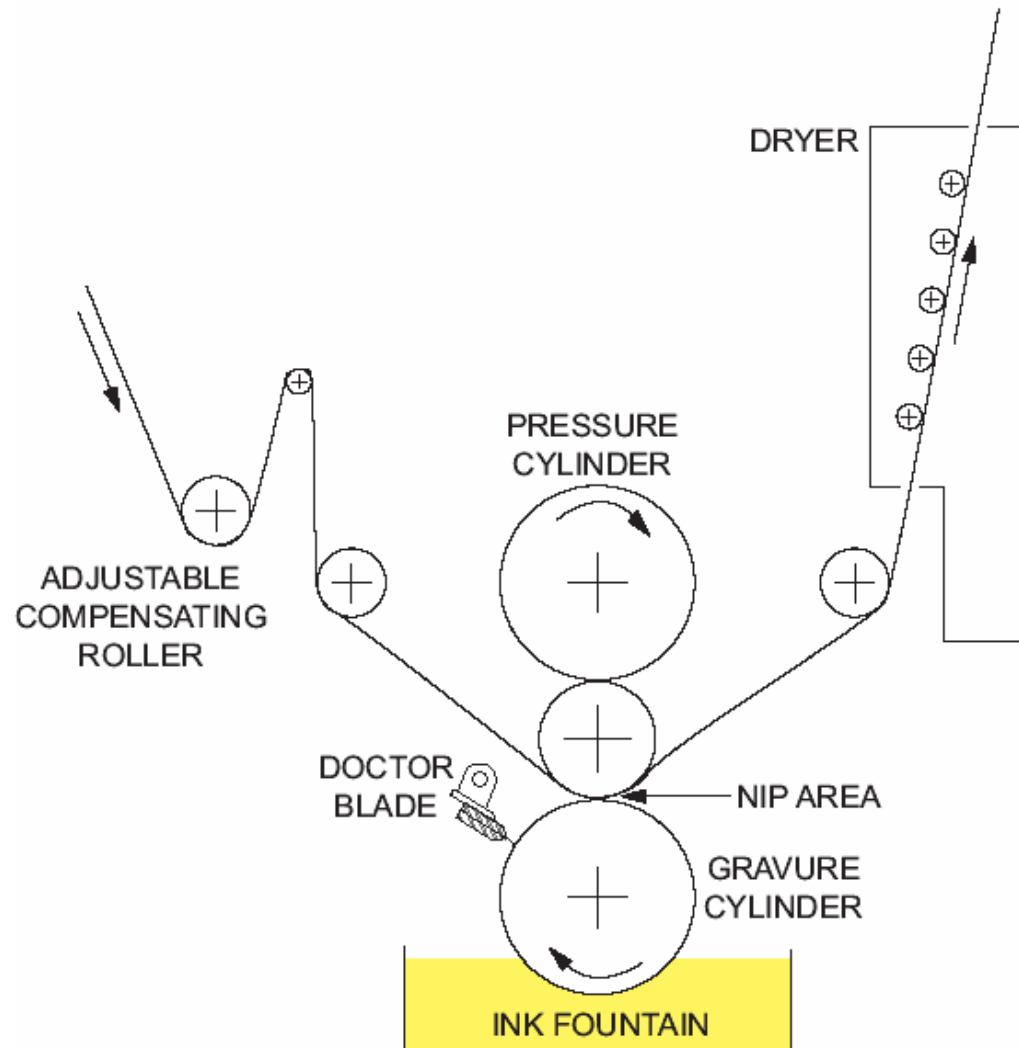
- Gravure Coating Unit
- Gravure Adhesive Lamination Line
- Three-roll Reverse-roll Coater
- Knife Coater
- Dip Roll Coater
- Extrusion Process
- Calendering Process

Credits: This document was made possible through the efforts of the POWC Implementation Tool Development Partnership effort, an effort to bring together the regulated and regulatory community. It was through a group effort that this document was developed. The logo of the partner who was the lead for this tool is listed first below. To see a description of our partners or to get more information about the partnership effort, see <http://www.epa.gov/ttn/atw/powc/powcpg.html>



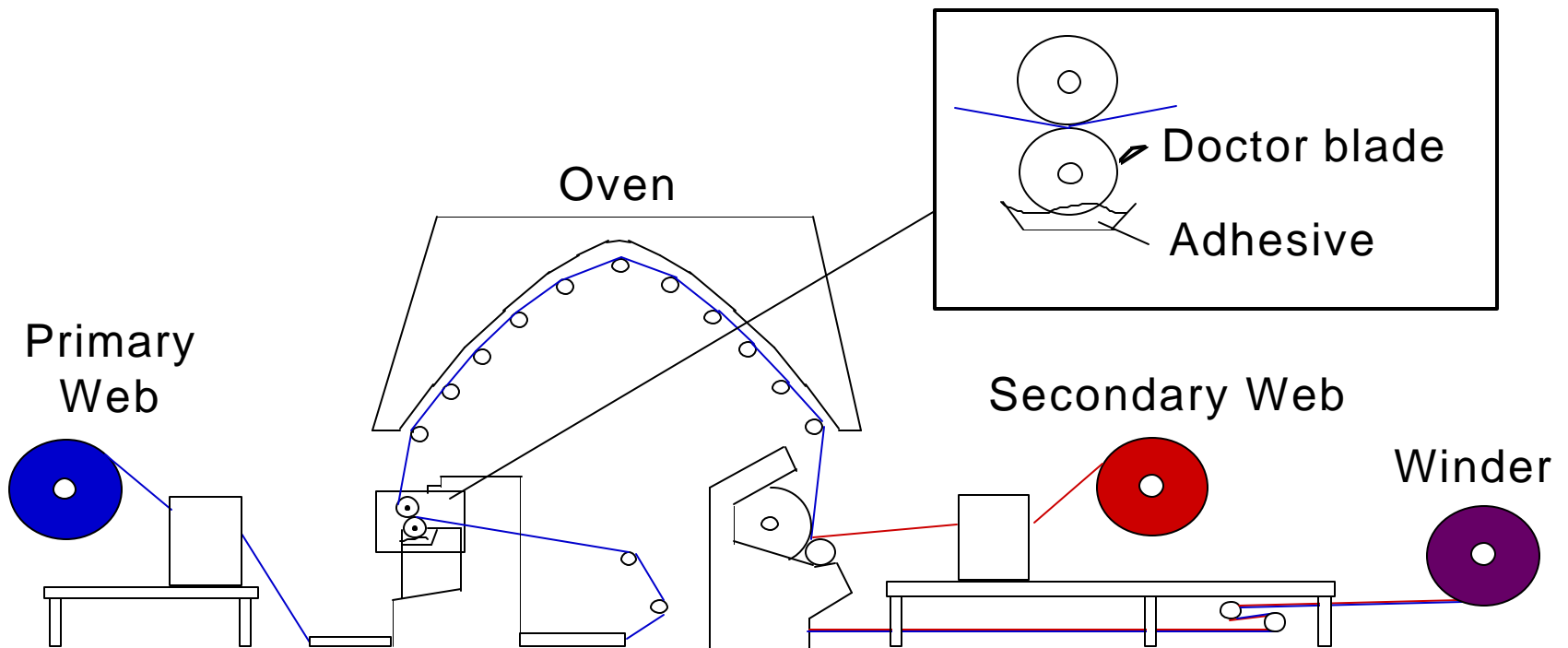
Gravure Coating Unit

Gravure Coating Unit



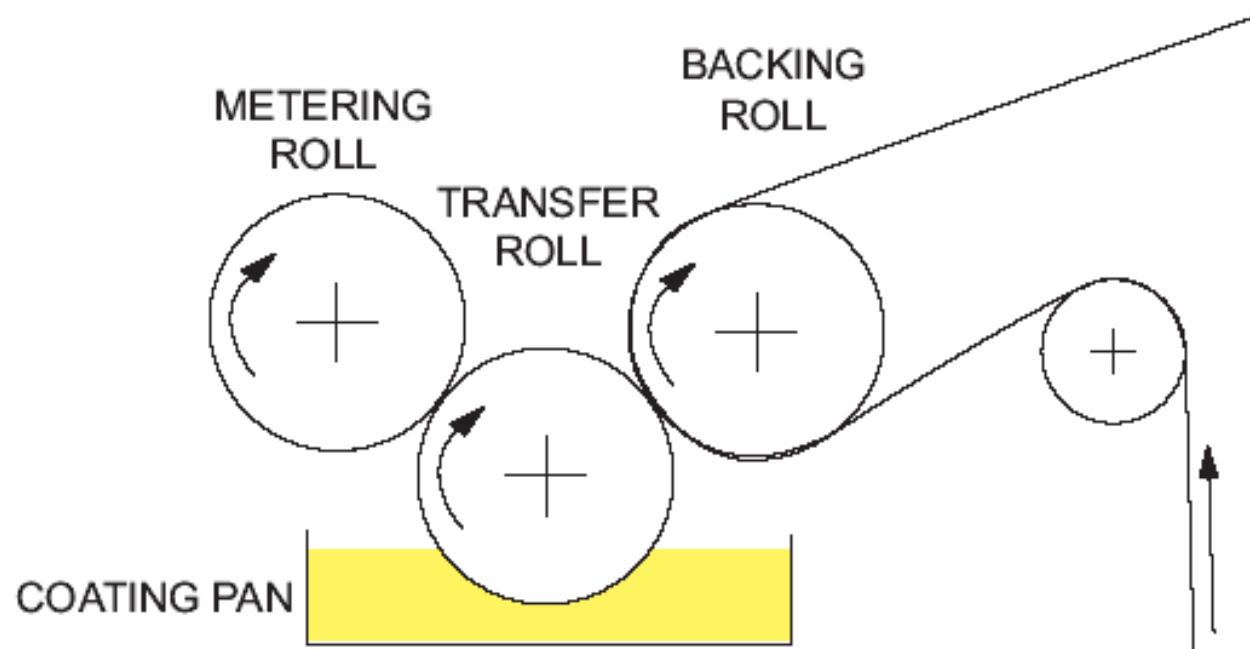
Gravure Adhesive Lamination Line

Gravure Adhesive Lamination Line



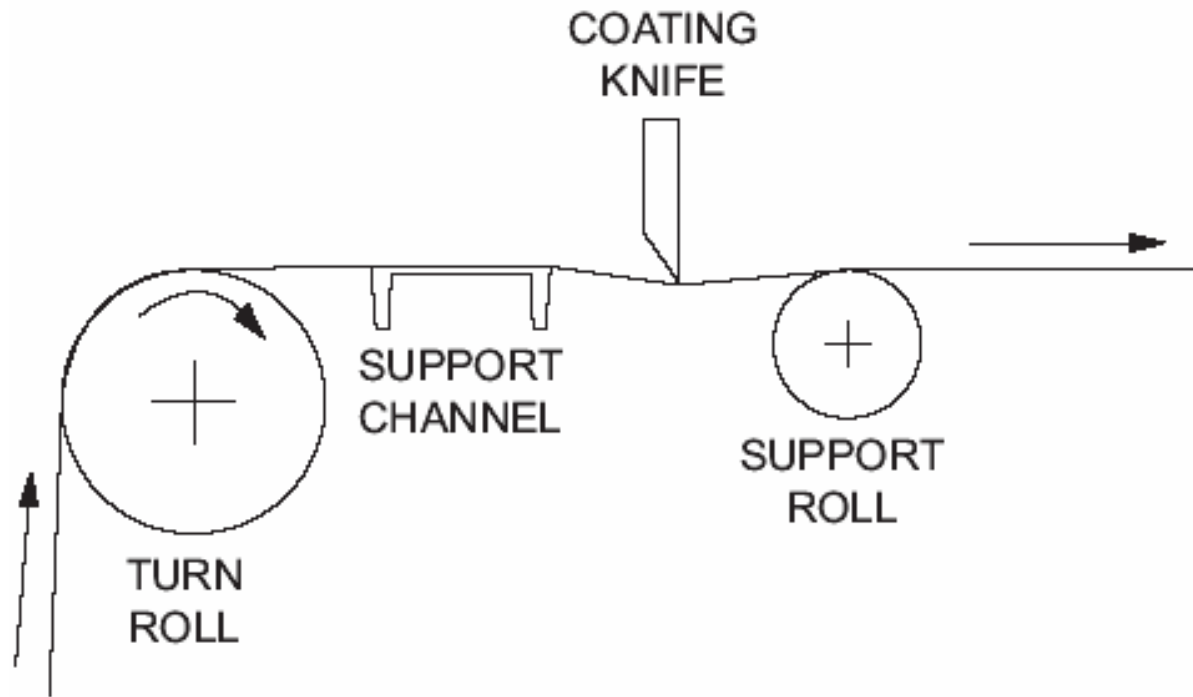
Three-roll Reverse-roll Coater

Three-roll Reverse-roll Coater



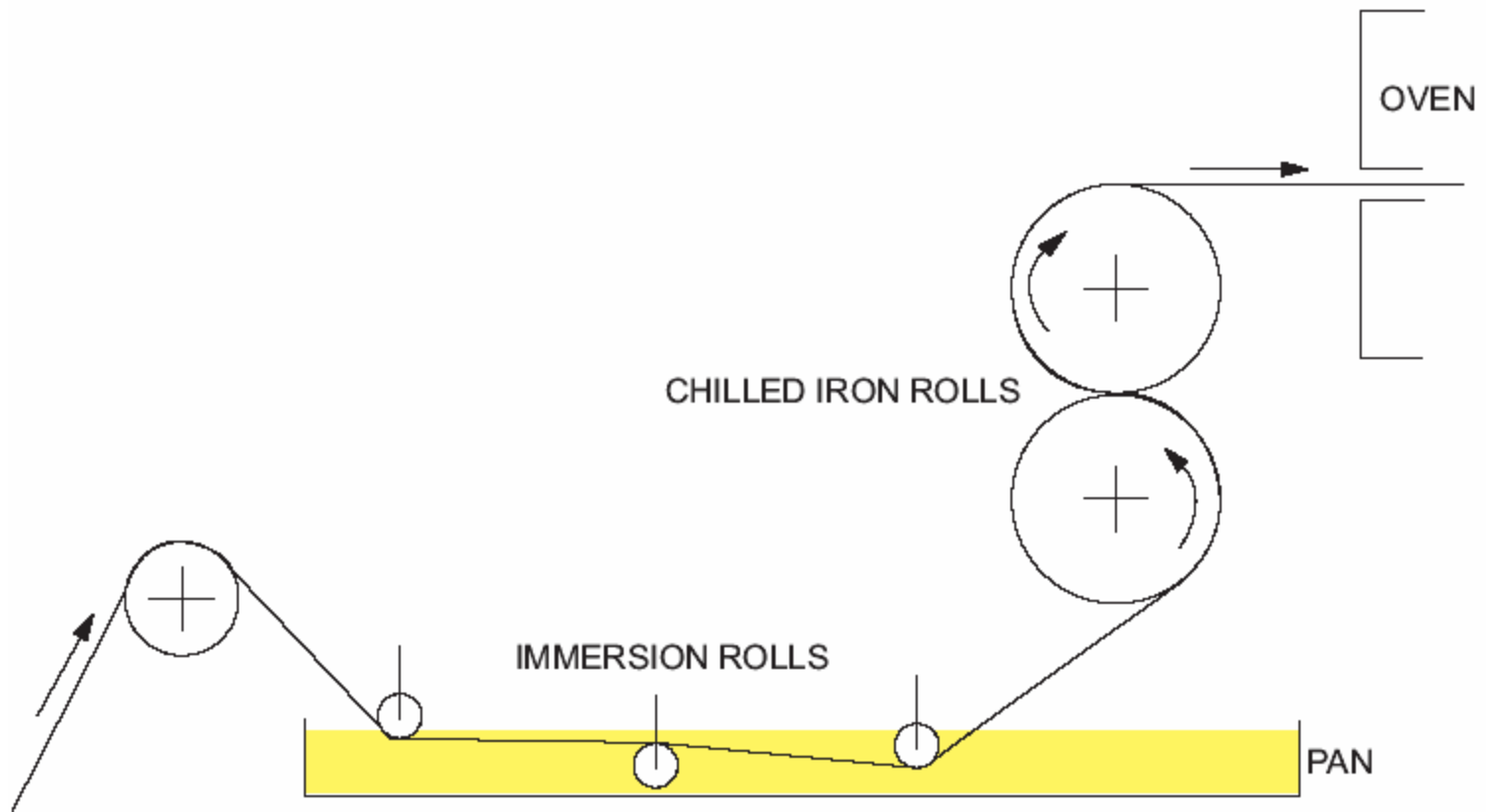
Knife Coater

Knife Coater



Dip Roll Coater

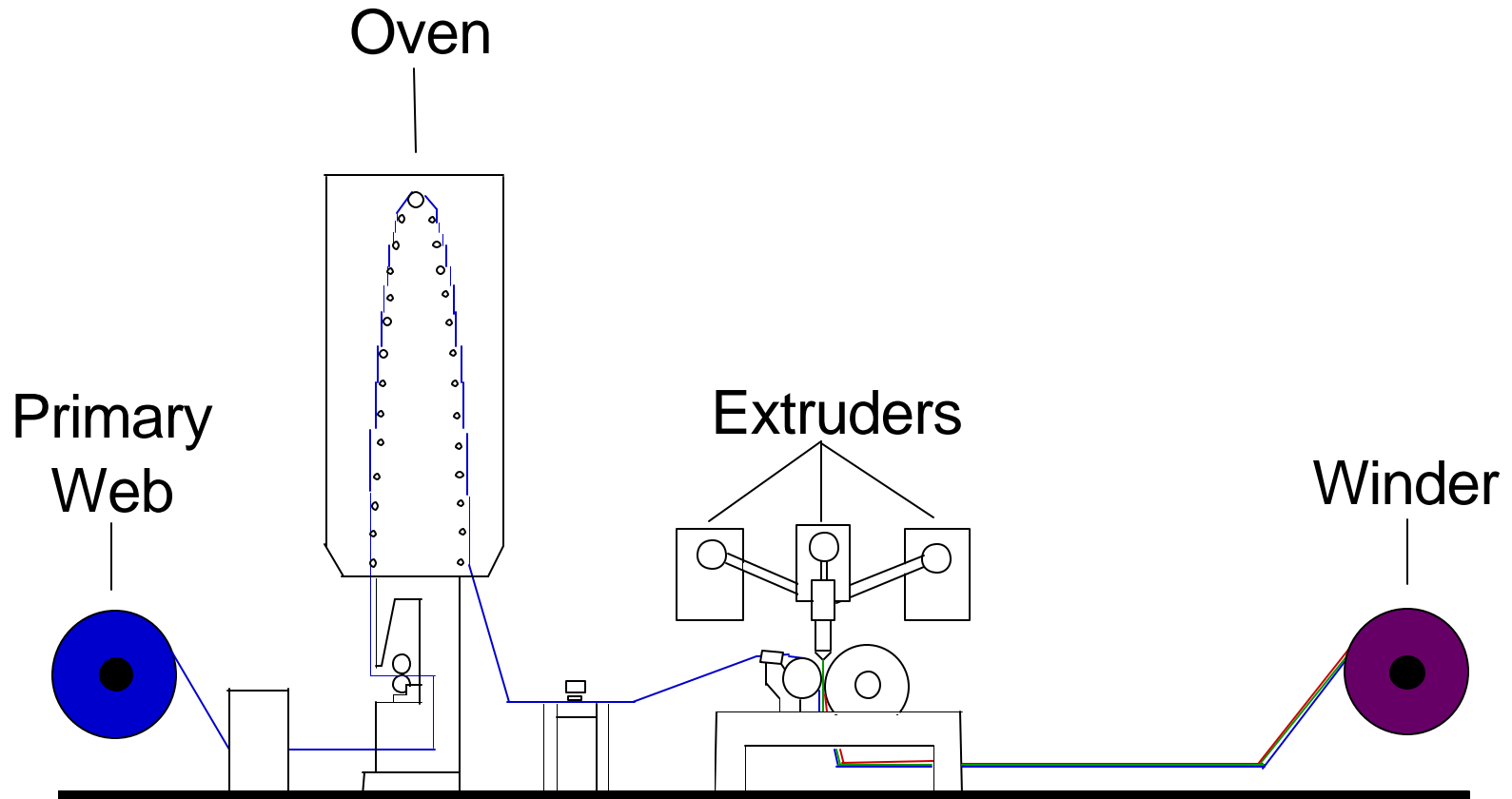
Dip Roll Coater



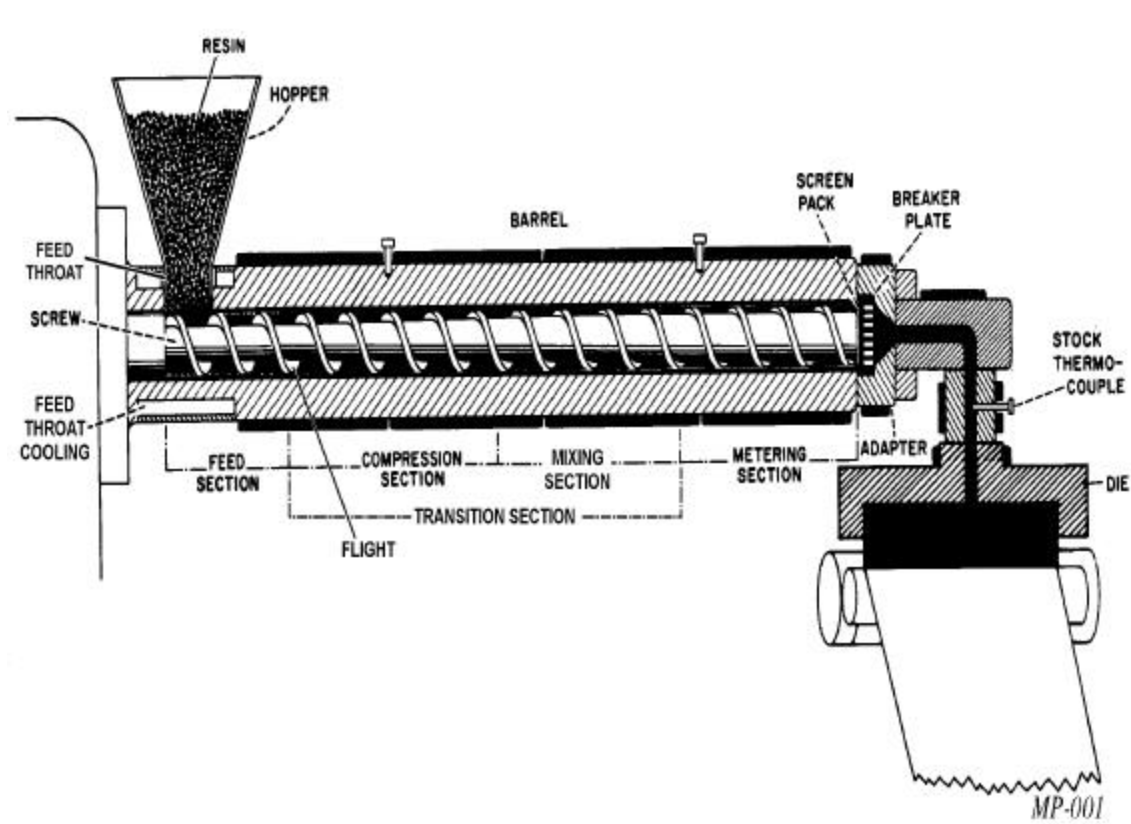
Extrusion Process

- Extrusion Example 1
 - General process overview
- Extrusion Example 2
 - Detailed diagram of the extruder
- Extrusion Example 3
 - Diagram showing substrate details

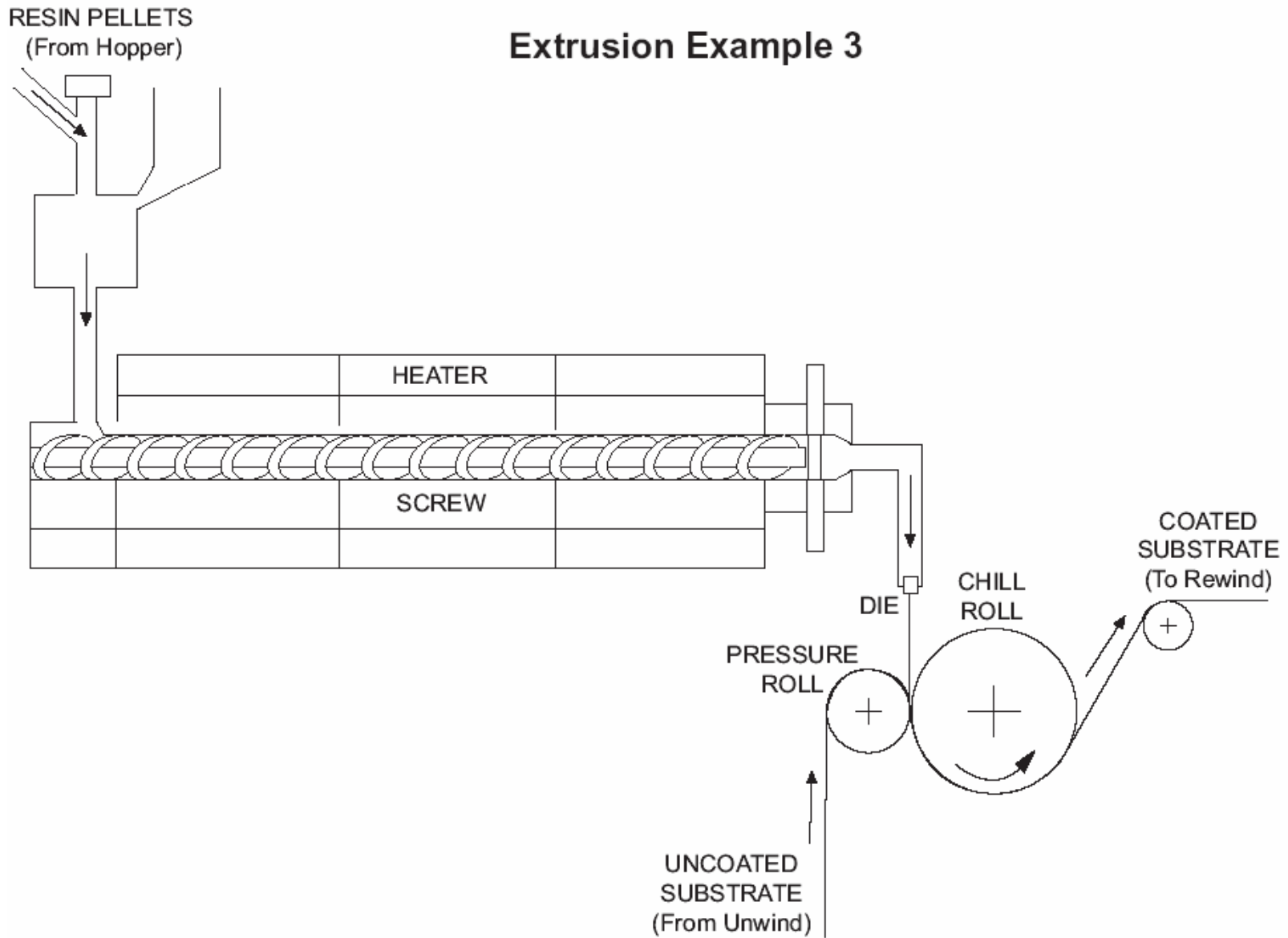
Extrusion Example 1



Extrusion Example 2



Extrusion Example 3



Calendering Process

Calendering Process

