

Process Solutions for Tissue Manufacturing & Converting

Since 1989 Ryeco has been manufacturing products that improve efficiency and increase quality and safety for continuous web manufacturing processes. For the Tissue Mill, RYECO offers several systems to help all stages of the manufacturing and converting process.

Defect Marking Systems

Certain defects in a web will cause problems in subsequent processes. A Defect Marker places a colored mark on the web at the location of the defect. The system interfaces with any Web Inspection System. Marked defects warn downstream operators to take preventative actions to avoid downtime.

Break Marking Systems

An unknown break in a jumbo roll of tissue will cause downtime at the re-reeler or on the converting lines. The unsafe practice of hand marking the roll is no longer possible with safety cages around the reel. A RYECO Break Marking System is used to mark the location of all breaks in a roll. Downstream operators can then take corrective actions to avoid costly downtime.

To insure the warning marks are always visible to downstream operators, the marks must be placed to allow for trimming and roll flipping. If the jumbo rolls are slit and sometimes rotated prior to converting, Break Marks must be placed after the trim and on both ends of each daughter roll. If the rolls are never (or always) rotated & not trimmed then an edge mark on one end is sufficient.

Code Marking Systems

Today's smart Web Inspection Systems have the capability to stop the unwind process automatically as upstream defects approach. A RYECO Code Marking System is used to create the length codes used for defect map synchronization.

