

TCI

Vision Inspection System

VISION CAMERA CONTINUOUS REAL-TIME INSPECTION SYSTEM

TCI's extruded film manufacturing line is equipped with a Vision Camera continuous real-time inspection system, featuring:

- Advanced image processing and illumination technology allowing for the detection and classification of surface and embedded imperfections down to 0.02 mm²
- 100% surface inspection provides displaying, archiving, reporting, and classification by size and type of imperfections, like gels, black specks, and inclusions
- The system allows TCI to identify in-process problems in real time and troubleshoot them, so that no defective material is ever sent to customers
- Defect metrics can be exported into Excel® spreadsheets to access the data and present customized reports



ID	Edge CD	MD	Width	Height	Area	Class	Date
26203	19.00 in	651.93 ft	0.03 in	0.00 ft	0.13 mm ²	Small DSpot	06/30/16 13:46:54
26202	26.72 in	652.25 ft	0.02 in	0.00 ft	0.11 mm ²	Small DSpot	06/30/16 13:46:58
26201	32.39 in	652.12 ft	0.03 in	0.00 ft	0.30 mm ²	Small DSpot	06/30/16 13:46:57
26200	4.96 in	652.11 ft	0.03 in	0.00 ft	0.24 mm ²	Small DSpot	06/30/16 13:46:56
26199	21.59 in	652.08 ft	0.03 in	0.00 ft	0.12 mm ²	Small DSpot	06/30/16 13:46:56
26198	3.51 in	652.06 ft	0.03 in	0.00 ft	0.10 mm ²	Small DSpot	06/30/16 13:46:56

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TEXTILES COATED INTERNATIONAL | Manufacturer of High-Performance Fluoropolymer Films, Composites, and Laminates

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