This book is designed to help readers understand how the complex interaction of raw materials, equipment and processing conditions affect productivity and film characteristics.

Contents include:
- Raw material characteristics
- Equipment options and comparisons
- Glossary of terminology
- Troubleshooting guides for:
  - Dust, angle hair and snake skin
  - Extruder temperature profiles
  - Screw wear
  - Surging
  - Melt fracture
  - Interfacial instability
  - Gels
  - Bubble instability
  - Surface treatment
  - Wrinkles
  - Roll geometry
  - Heat sealing
  - Gauge variation
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Chapter 9  Troubleshooting Techniques  
  Film Defects Troubleshooting Guide  
  Roll Defects Troubleshooting Guide  
Glossary of Terminology
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Plastics Touchpoint Group, Inc. was established to meet the growing demand for expertise in the flexible packaging industry. The company focus is on blown and cast film extrusion and film conversion operations. Plastics Touchpoint has worked with clients throughout North America, South America, the Middle East, Africa, Australia and Asia. Clients include raw material suppliers, processors, end users, educational institutions and industry associations.

Paul Waller is a frequent presenter and trainer at conventions and professional functions as well as a prolific writer. He designed and delivered the Blown Film Technology Program for the Canadian Plastics Training Centre in Toronto, Canada and SENAI in Brazil. Mr. Waller has provided intensive in-house training to more than 1,000 operators, technicians and engineers. He has taught film troubleshooting seminars on five continents and is the first candidate to be awarded the Certified Plastics Practitioner designation for Blown Film Extrusion by the Canadian Plastics Sector Council.

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The following guide summarizes the troubleshooting tips described in the manual. The blown film line is split into several zones to remind operators which area of the line should be examined when problems occur. Each problem includes causes split into raw material, processing conditions and equipment. Recommendations for each cause are included.

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