



YOUR NAME, OUR REPUTATION

DELIVERING CLINICAL UTILITY



TESco Associates, Inc. has actively participated in the development of hundreds of bioabsorbable products, establishing a reputation as “The Strategic Quality Partner” for outsourced research and development and the manufacturing of challenging devices. TESco has developed proprietary polymer processing techniques and equipment for injection molding, extrusion and specialty material blending. Our processes successfully deliver devices with low molecular weight loss and low residual monomer from a broad range of inherent viscosities. This experience extends into supporting clients through product development, material selection, custom material development, mold design and fabrication, and solutions of critical manufacturing challenges.

As a contract manufacturer of biomedical products, TESco continues to focus on providing the skills and expertise to take a product from concept to prototype development, through clinical trials and into commercial production.

WHY TESCO?

Our business model is designed to adapt to our clients specific manufacturing and material development needs. We provide the resources, expertise, and experience necessary to provide rapid research and development and a smooth transition into commercial production.

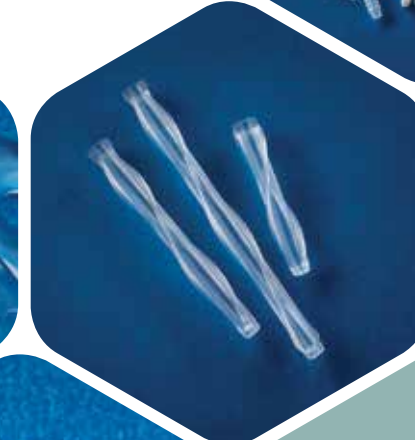
✓ CLEAN ROOMS

- 12 ISO Class 7 Cleanroom Suites that are ISO Class 6 capable
- Independent suite design to facilitate proper line clearance
- The multiple phases of production, prototyping and material preparation can be completed simultaneously
- Stringent BioBurden control
- Controlled anteroom to allow the transferring of product from one process stage to another without leaving the cleanroom environment



✓ MATERIAL INNOVATION

Drawing upon TESco's vast material experience, when appropriate we can work with our customers to develop custom hybrids and blends. Projects with compounding requirements are completed with in-house capabilities.



✓ MATERIAL CAPABILITIES

TESco has been processing materials from both research grade and commercially available products. Our knowledge of bioabsorbable/biodurable polymers and co-polymers covers a wide range of molecular weights and formulations.

TESco's Material Experience includes, but is by no means limited to:

Both Homopolymers and Copolymers of

- L-lactides
- D-lactides
- Glycolides
- Dioxanone
- Caprolactone
- Trimethylene Carbonate

Proprietary and custom blends of the above materials, including bioabsorbable composite versions incorporating

- Calcium Phosphates
- Calcium Carbonates
- Bioglass
- Fiberlive™
- Biphasic Calcium Phosphate

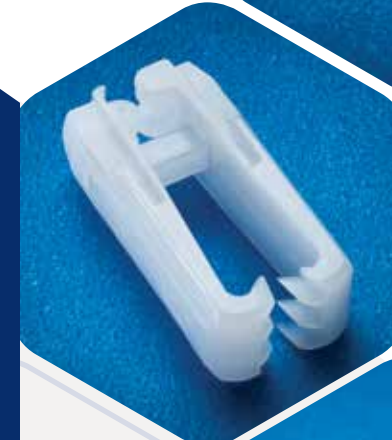
Implant Grade Biodurables

- Polyether ether ketone (PEEK)
- Polycarbonate Urethanes

✓ EXPERIENCE

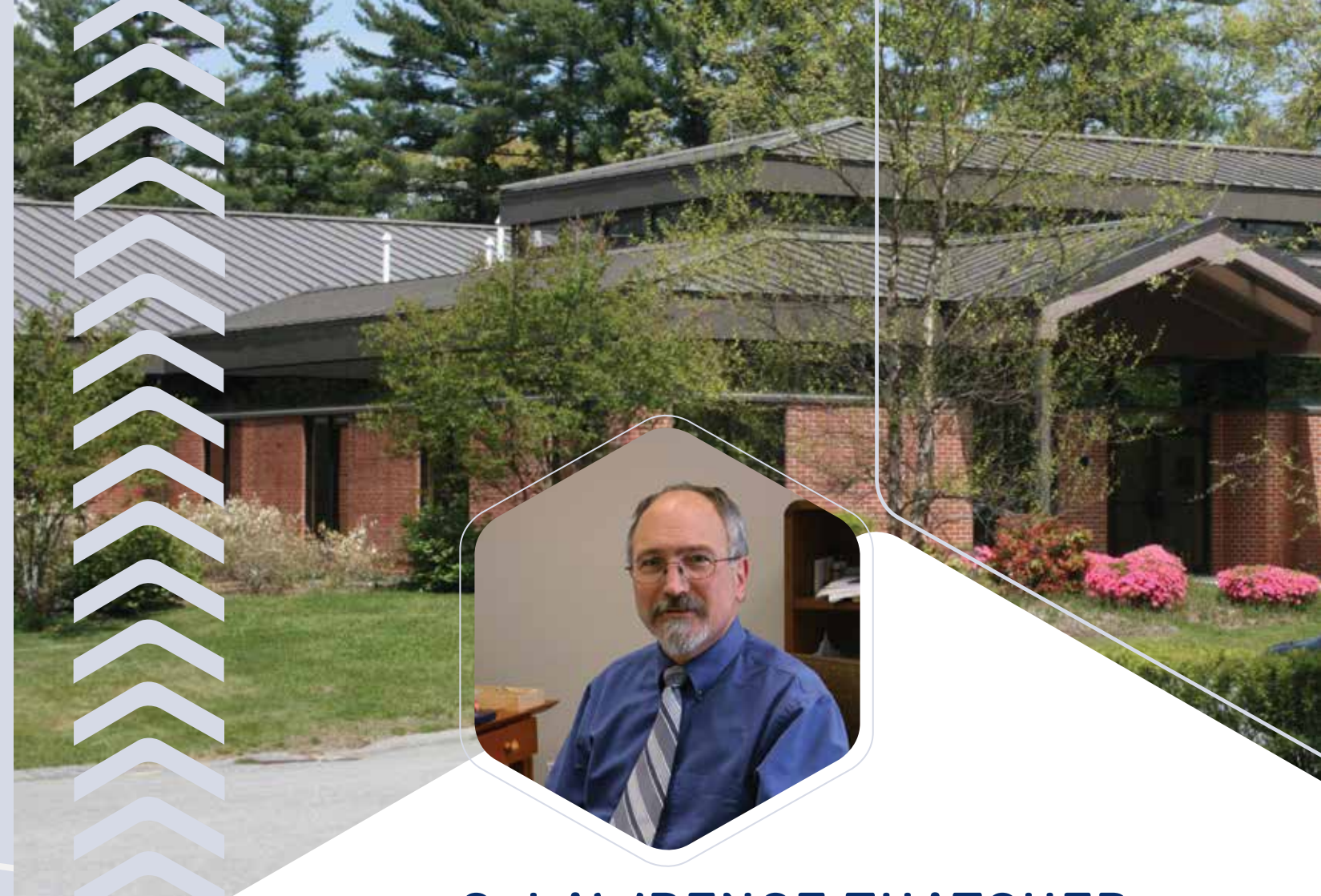
TESco's expertise covers a wide range of polymer processing methods and includes several stages of medical device development and manufacturing. These areas include:

- Injection Molding
- Extrusion
- Compounding
- Assembly
- Packaging
- IP Assistance
- FDA Submission
- Sterilization Support
- ISO 13485:2003



HISTORY

TESco Associates, Inc. was founded in 1980 as a plastics engineering consulting firm. Five years after establishment, TESco instituted its injection molding capabilities primarily as a service to its R&D consulting clients. Since its founding, TESco has placed much of its internal effort on the research and development of medical device molding, with special emphasis on bioabsorbable materials development and devices. Today TESco has established a reputation as “the vendor of choice” for contract research and development, and contract manufacturing of bioabsorbable devices. TESco’s sole focus continues to be the research, development, and manufacturing of bio-absorbable medical devices on a contract basis. The team at TESco possesses decades of absorbable medical device experience, providing a significant cost effective approach to our clients’ projects.



G. LAWRENCE THATCHER

TESco’s founder and President, G. Lawrence Thatcher, has more than 35 years experience in the medical device industry, focusing on bioabsorbable polymer processing and the development of toughened bioabsorbable systems and bioabsorbable composites. He has been active in the material selection and development of absorbable medical devices from concept to clinical use since 1986. He was recognized by MDDI as one of a hundred notables in the medical device industry in June 2008. He taught eight years at the University of Massachusetts at Lowell and currently serves on the advisory board to the Plastics Engineering Department. He is the inventor /co-inventor of several device or material patents, and most recently, in February 2014, for Bioabsorbable Polymeric Composition for a Medical Device. Some of his publications include “OrbusNeich fully absorbable coronary stent platform incorporating dual partitioned coatings” in Euro Intervention, and contributing author to Polymers for Vascular and Urogenital Applications published by CRC Press, and Degradable Polymers for Skeletal Implants published by Nova Science.



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