Rapid Extrusion

Applications
Development applications for medical devices requiring quick turnaround manufacturing solutions and flexible short-run design iterations.

Vesta’s ExtruMed™ precision extrusion solutions optimize the clinical outcome of thermoplastic and silicone custom extrusions for the medical device industry.

Function
Low-Cost, Quick-Turn Solutions
Rapid extrusion services reduce expenses and increase speed to market during product design, or when small-quantity custom production or quick-turn lead times are required.

Description
Complete Support for Rapid Extrusion
Supported by production-grade equipment, Vesta’s engineering and production resources are available to work with you to support quick design changes, short lead times for custom designed product and small production runs. With design centers, dedicated manufacturing locations, and in-house tooling capabilities, Vesta can support your next extrusion development program and your small-volume custom extrusion needs in an ISO certified facility solely dedicated to medical device manufacturing services.

Technology
Integrated Systems, Tooling, Process and Quality Control
Vesta understands the need for rapid extrusion services, and knows that our customers cannot compromise their standards for quality of performance in the name of speed. It is for this reason that Vesta supports its rapid extrusion services with the same quality equipment used in-house for full-scale production. From leading commercial extruders to precision tooling and high-quality visual inspection systems, count on Vesta’s integrated manufacturing platform to support your thermoplastic and silicone medical device extrusion needs.

Competency
Speed, Efficiency, Experience and Quality
Our expertise includes:
- Sizes from .005” – 1.5”, depending on raw material
- Small production lot sizes
- Expedited turnaround times to accommodate project demands
- Coextrusions
- Multilayer extrusions
- Heat shrink tubing
- Kink-resistant tubing
- Bump tubing