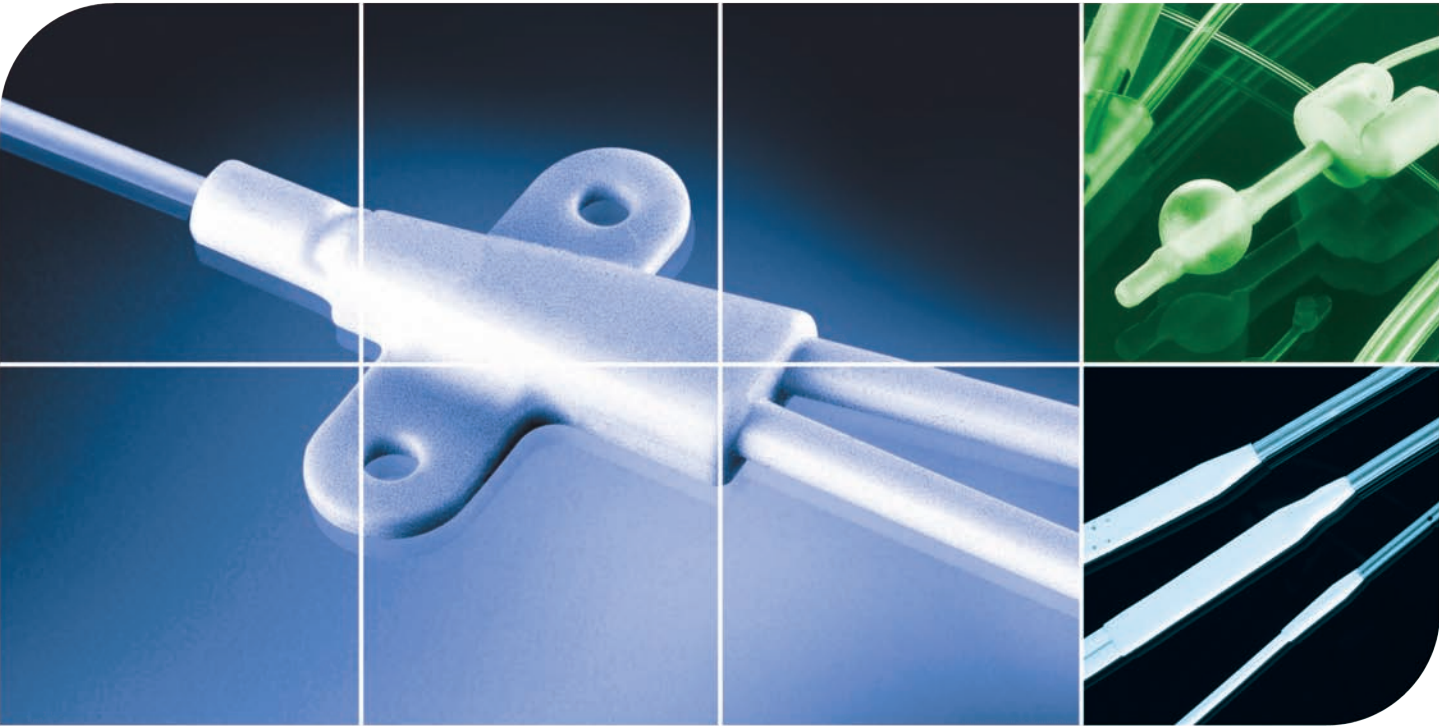


Insert Molding



Applications

All Medical Devices

Vesta’s tight-tolerance molding solutions optimize the clinical outcome of silicone insert molding applications for the medical device industry.

Function

A Cost-Effective Option

Vesta’s insert molding capabilities provide medical device engineers with an effective manufacturing option to eliminate costly device assembly steps, additional inspection and testing activities. Vesta’s insert molding solutions also help design engineers achieve or enhance device functional requirements.

Description

A secondary manufacturing process involving a molded feature that is added to a previously manufactured component rather than utilizing alternative manual bonding or assembly methods.

Technology

Vesta designs and operates with state-of-the-art tooling built to accommodate the complex geometries necessary for superior insert molded device components. Vesta utilizes proprietary and industry-leading processes to achieve tight manufacturing tolerances and ensure compliance with production capability requirements.

Molding | Extrusion | Assembly

Silicone inquiries: 414.423.0550 | Thermoplastic inquiries: 951.547.7400
sales@vestainc.com | www.vestainc.com
ISO 13485:2003 Certified

Competency

High-Quality Insert Molding

Vesta’s experienced team specializes in a variety of molding process techniques to deliver the highest-quality product possible. Our expertise includes:

- High bond strength
- Experience with restricted, unrestricted and compounded materials
- Numerous shapes and sizes
- Extruded components: molded components
- Molded components: molded components
- Plastic components: silicone components
- Steel components: silicone components
- Cavitation to fit your budget and volume requirements

