

# Your needs. Our Solutions. True partnership.

From ideas to final products, our partnership spans the full spectrum of your project. With applications expertise and medical device experience that not only enables, but enhances, each step in the process.

Solved by  
**SPECTRUM**

APPLICATIONS | CAPABILITIES | MATERIALS | EXPERTISE

## Your First-Call Solutions Provider

Concept Generation

Design & Development

Quick-Turn Prototyping

Components &  
Secondary Operations

### OUR MISSION

To be the first-call solutions provider for development through scaled manufacturing of critical polymer-based components and devices for medical and other demanding markets – requiring quality, responsiveness, innovation and technical expertise.

Manufacturing Transfers

Finished Devices  
& Assemblies

Quality &  
Regulatory Support

Scalability

### Extruded Tubing

We can meet any extrusion need, from thermoplastics to silicone and from small-batch to high-volume production. We also offer quick-turn solutions and specialty extrusion with tight tolerances and thin walls.

### Medical Balloons

Our medical balloons are formed from low-profile, highly concentric balloon tubing with proprietary balloon-forming technology, which allows us to create innovative, complex custom balloons.

### Laser Processing

As a full-service laser solutions provider, we manufacture high-precision parts to exact specifications, in the most efficient and cost-effective way. We excel at turning even seemingly impossible designs into high-value products that exceed customer expectations.

### Catheter Technologies

Spectrum is a trusted, full-service partner for the design, development, and manufacturing of innovative catheter-based solutions for interventional therapies. We offer a full range of vertically integrated catheter technologies and secondary services.

### Specialty Molding

Our injection-molded solutions include premium, high-quality components and fully assembled medical devices. We have years of experience with complex molding projects working with highly engineered performance medical plastics.

### Flexible Film & Packaging

From specialized, high-performance films to economical, high-yield options, we offer a comprehensive line of medical films, bags, and pouches designed for healthcare packaging. Spectrum Plastics Group is an authorized converter of Dupont™ Tyvek®.

## SPEC+PLUS™

Our most cutting-edge technologies.  
The truly innovative solutions that  
differentiate Spectrum from other  
medical device manufacturers.



**Spec+ Precision  
Extrusion**



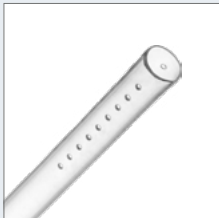
**Spec+ Additive  
Manufacturing**



**Spec+ Tyvek®  
Packaging**



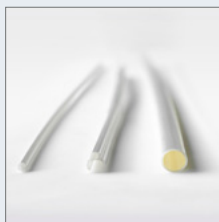
**Spec+ Bioresorbable  
Components**



**Spec+ Laser Processing**



**Spec+ Medical Balloons**



**Spec+ PEEK Components**

## Solved by SPECTRUM

Over our 60 years of designing, developing, and manufacturing critical polymer-based components and devices, we've innovated solutions that can't be found anywhere else. Together, we become true partners with our customers — enabling previously unimagined solutions to your most complex needs. For medical and other demanding markets, Spectrum has the answers you're looking for.

### Spectrum Innovation & Technology Hubs

Keep innovation at the forefront and strive to increase value and create better solutions for our customers.



**Research & Development** — Dedicated R&D teams focused on developing new materials, processes, and technologies in the industry's most critical areas.



**Problem Solving** — Dedicated R&D teams focused on developing new materials, processes, and technologies in the industry's most critical



**Innovative Solutions** — Industry-leading expertise, subject matter experts, proprietary equipment, and processes that enable success where others fail.



**Evolving Technology** — New and unique technologies continuously added to our portfolio to best serve customers' evolving needs.



**Full Spectrum** — Design, prototyping and development services from concepting to full-scale production.

### Innovative Services

From brainstorming sessions during the early stages of development, to Engineering Days where customers work hands-on alongside our teams, we offer a variety of services that give our customers a competitive advantage.

- Launch Pad Events
- Quick-turn Prototyping
- Online Store