

## Medical Textiles

- Anatomically correct formed textiles
- Particulate free
- Smooth edges to prevent tissue irritation
- Processing to prevent suture pull-out
- Bio-absorbable processing

LSO is a leading manufacturer of biomedical textile devices, many of which must adhere to stringent anatomical geometries. We manufacture implantable-class textile-based devices in four Class 7 clean rooms which contain customized equipment allowing 3D shaping without altering the base geometry and strength of the textile material.

## Merging Precision and Innovation for Implantable Textile Devices

LSO has developed unique manufacturing processes that allow customers to achieve anatomically correct shaped textiles with particulate-free, smooth edges that prevent irritation of the surrounding tissue.

Our processes include 3D forming, welding, sewing, and bonding an array of textile materials without altering the base properties of the raw material. In fact, we are able to increase the strength of the material at the joints and increase stability in many cases.

### Services and Expertise

- ✔ In-house design and manufacturing of custom, ready-to-use sterile procedure kits.
- ✔ Integration of textile products with other sterile devices.
- ✔ Validated manufacturing processes ensuring product consistency and quality.
- ✔ Custom fabrication of mesh bags and filters for tissue bank allograft processing.
- ✔ Manufacturing and sterilization adhering to the highest quality standards.
- ✔ Strict compliance with FDA guidelines to ensure safety and cleanliness.

### Start Up. Speed Up. Scale Up.

Life Science Outsourcing is a performance-driven Contract Manufacturing Organization. Our unique model leverages in house end-to-end solutions and service offerings, coupled with deep regulatory knowledge. This allows us to provide the agility and flexibility that customers need to accelerate their go to market launches, while streamlining their supply chain and mitigating risk.

Our core services include: assembly, packaging, sterilization, reagent packaging & design, thermoforming, and resorbables.



Medical Device  
Assembly



Medical Package  
Testing



Sterilization &  
Validation



Cleaning &  
Decontamination



Fulfillment &  
Distribution



Medical Device  
Incubator Service