



**GREENE  
RUBBER  
COMPANY**

# MEDICAL DEVICE

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High precision manufacturing is critical as medical devices and equipment become increasingly complex. At Greene Rubber Company we can assure you the highest quality standards when producing custom components specifically designed to your individual requirements. Recognizing the importance of product reliability, we have developed unique processes that ensure exceptional performance and longevity for your products.

Custom Molded Defibrillator Pads  
Blood Analysis Sensor Gaskets  
Fluid Seals  
Vibration & Noise Damping Gaskets and  
Isolators  
Molded Strain Reliefs  
Bifurcated Junctions  
Molded Septums  
Membrane Switch Components



- **Certified FDA/Class VI Materials**
- **Custom Gaskets and Seals**
- **LSR Molded Components**
- **Silicone Sheets**
- **Latex Materials**
- **Medical Grade Foam/Sponge Materials**
- **Poron® Cellular Urethane**
- **3M® Medical Grade Adhesives**
- **Tygon® Tubing**
- **Peristaltic Pump Tubing**
- **Tubing Assemblies**
- **Silicone Tubing**
- **Extrusions**
- **Bumpers & Feet**
- **O-Rings**
- **EMI/RFI Shielding**
- **Teflon® Products**

# CAPABILITIES

## Custom Molding

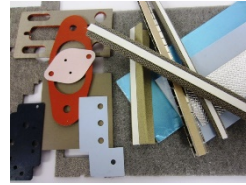
- Custom Compounding of Elastomers
- Liquid Silicone Rubber (LSR)
- Compression, Transfer & Injection Molding
- Rubber to substrate (Metal or Plastic) Bonding
- Coating & Painting
- Post Processing for Low Outgassing

## Custom Fabrication & Converting

- Die-Cutting & Die-Less Knife Cutting
- Water-Jet Cutting
- Rotary Die Cutting
- Kiss-cutting
- Slitting/Laminating
- Splicing & Vulcanizing
- Laser Cutting, Marking & Etching

## Value Added Services

- Bonding & Zoned Adhesive Application
- Packaging, Marking & Labeling
- Subcontract Assembly
- Bar-Coding
- Managed Inventory Systems



## Engineering & Design Services

- Design Analysis using Abaqus® FEA, Linear & Non-Linear with professional simulation
- Field Data Acquisition using LabVIEW® Sound & Vibration software
- Static & Dynamic Fatigue testing using Instron® Measuring Equipment
- Material Testing (Elastomeric, mechanical & dynamic)

## In House Lab Capabilities

- New Elastomer Development, Process Troubleshooting & Supplier Quality Control
- Vulcanization Characterization of Rubber
- Physical Testing of Rubber
- Rheological/Processability Testing

## Supplier Partners

