

MEDICAL DIAGNOSTIC DEVICES

Custom Molded Silicone

Stockwell Elastomerics' core products for the Medical Diagnostics industry are compression molded silicone gaskets and injection molded liquid silicone rubber components with high performance flexing capabilities for mechanical requirements inside the device. Silicone rubber has gained broad acceptance in the medical equipment industry for its combined properties of resilience, age resistance and general inertness.

Fabricated Gaskets and Cushioning Pads

Medical Diagnostic Devices often require specialty foam gaskets for displays and dust filters. Liquid silicone rubber is available in sheets for fabricated solid gaskets, silicone foam gaskets and cushioning pads. Silicone foam meets the UL94V0 flame rating. Poron® cellular urethane and silicone foam sound and vibration cushioning pads are frequently specified to reduce noise in equipment designed for use near the patient.

Electrically Conductive Components

Similar to other electro-mechanical products, Medical Diagnostic devices often have requirements for EMI shielding gaskets to reduce emissions from devices and protect against interference from other units in hospital environments. Semi-conductive carbon-filled silicone rubber and neoprene gaskets and pads are available for ESD grounding needs.

Stockwell's Scope in Medical Equipment

Our focus in the medical equipment industry is limited to the mechanical requirements of the device. Stockwell Elastomerics does not provide components for implantation or in-body applications.

Our Commitment to Quality

Stockwell Elastomerics' Quality Management System is ISO9001-2000 registered. When requested, we can support requirements for APQP, including process capability studies, material certifications and test data.

