

Compact by Design

Special Cap Cylinder for Medical Application High Temperature Manufacturing

Application Challenge

A medical manufacturer of various supplies had equipment that would bond different materials together through a combination of heat and pressure. Their products include, monitor patches, sterile devices, surgical film, medical tape, product packaging among others. They were using air springs in the heat sealing area to apply pressure to the materials, however the air springs were failing due to the high temperature environment.

Project Solution

Compact provided the manufacturer with a custom stainless-steel linear actuator with high temperature grease, along with Viton seals, to withstand the high heat of the application.

Customer Benefit

The OEM maintenance costs were reduced by 50% and the equipment throughput at the end-users was improved by 20%.

