GLOVE SLEEVES & GLOVE PORT SYSTEMS
THE BEST PRODUCTS. UNMATCHED SERVICE. WORLDWIDE.

With a support network spanning the globe, DESTACO offers consistent, comprehensive service to any location in the world. Whether your operations are localized or span multiple continents, you will always have access to the highest levels of customer service and technical support.

Since its founding in 1915, DESTACO has focused on outstanding customer service. The company grew steadily over the next four decades and in 1958 started to expand internationally. In 1983, DESTACO opened its first overseas manufacturing facility in Thailand. With the acquisition of Robohand in 1996, DESTACO started to get involved in automation and since then has expanded by acquiring and integrating other well-known brands like Camco and Ferguson. In 2008, we strengthened our presence in life sciences when Central Research Laboratories (CRL) joined team DESTACO.

Today DESTACO is a world leader in the innovation, design, manufacture and support of clamping, gripping, transferring, indexing and robotic tooling solutions for workplace and automation needs.

Our growth is a direct result of our commitment to serve customers of all sizes on a local, one-to-one basis.

DESTACO provides productivity solutions to a diverse range of market segments

- Life sciences
- Bio containment
- Consumer products
- Food and packaging
- Automotive/transportation
- Aerospace
- Alternative energy
- Nuclear
- Defense
DESTACO provides automation and containment solutions to the radio-pharma and nuclear medicine industries.

Telemanipulators are typically used for remotely performing tasks in a high-radiation or isolated environment by extending the dexterous manipulative capabilities of a human operator.
GLOVE SLEEVES & GLOVE PORT SYSTEMS

Remote Handling | Pharmaceutical Glove System

The CRL Pharmaceutical Glove System allows operators to comfortably extend their hands through sealed gloveports in the barrier wall of an isolator. The convoluted sleeve allows the glove reach to be extended when in use, collapsed when not in use and minimizes the weight of the glove on the operators arm.

Pharmaceutical Glove System Design Features

- The glove sleeve support ring tightly compresses the convoluted sleeve against the inner clamp ring minimizing the area that could shelter microorganisms from the effects of sterilization.
- The convoluted sleeve is constructed of CSM coated polyurethane for flexibility and resistance to VHP sterilization.
- The convoluted sleeve incorporates an independent and replaceable hand glove (size 10) allowing greater dexterity and feel for the operator.
- The glove system can be mounted in single wall isolators with 10mm, 12mm or 15mm panel thicknesses or in double wall isolators upon request.

Dimensions and technical information are subject to change without notice.
Available Sizes:
The glove system can be provided in oval or round configurations equipped with a convoluted glove sleeve or standard 8 inch glove depending on the application.

Typical Installations:
Introduction

The CRL Push-Through Gloveport System allows for the interchangeability between gloves, viewing windows, bag-outs, and plugs without losing enclosure containment or risking the spread of contamination. The two main components of the system are the enclosure ring, which mounts to the Glovebox wall and the support ring or accessory that creates a compression seal inside the enclosure ring.

System Design Features

- An independent O-Ring under high compression is used to maintain a tight seal between the enclosure ring and support ring or accessory item.
- Machined groove in the enclosure ring interfaces with a rib on the support ring to secure the support ring and glove in place without the need for a locking ring.
- Molded plastic support ring compatible with any 15 to 30 mil commercial glove.
- Stainless Steel enclosure rings available in clamp-in or weld-in configurations.
Basis of Operation

The CRL Push-Through Glove Port System design utilizes an independent O-ring seal, under high compression to maintain the primary seal between the enclosure ring (metallic ring), the glove support ring (plastic), and the glove as demonstrated below. The seal is established by forcing the glove sleeve through a serpentine path and securing it between the support ring and enclosure ring with an independent O-ring.

When installed, the seal is under high compression and securely held in position even without the use of a locking ring. Variations in glove thickness, resulting from the glove manufacturing process (dipping), are easily accommodated by O-ring compression and ensure a consistent high integrity seal is maintained with any 15 to 30 mil commercial glove.

Enclosure Ring Types

Weld-In Style  Clamp-In Style  Installed Clamp-In Style