

soloADC™ Disposable Containment System

Antibody Drug Conjugates (ADCs) are vital in the fight against cancer, but their high potency requires robust handling solutions.

ILC Dover's containment systems go beyond rigid walls. We lead the race in modern, single-use technology that eliminates both the risks and costs associated with cleaning protocols.

soloADC™ redefines robustness, delivering greater quality, efficiency, and cost savings. Get to know the highest-performing containment isolator unit and the turnkey design that provides improved containment performance sub 10ng/M³.

ROBUST DOCUMENTATION PACKAGES IOQ, FAT & SAT

All products have Certification of Conformance in our auditable QA systems

After QA, all products are placed in vacuum-packed poly bags for secure shipment with labels for part identification and traceability data

Manuals, arrangement drawings, and P&IDs are provided for isolator systems



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Cost Savings

- Significantly less upfront costs compared to hard wall solutions
- Elimination of cleaning and associated risk for OpEx savings
- Flexible systems allow for design improvements as the process evolves, leading to ergonomic and performance enhancements



Greater Efficiency

- Fully disposable isolator design, including filters and connection ports
- Fast setup and breakdown
- Elimination of cleaning protocols and validation for fast change over times
- Improved sustainability profile compared to cleaning with solvents



Quality Assurance

- Solvent-resistant sleeves and base
- In process automatic enclosure leak test system
- PLC-controlled inflation dwell testing
- Tool-free enclosure removal
- No API contamination of stainless-steel parts
- Certified H14 type HEPA filters with integrity testing capability



The Sentinel XT Clear PAPR System delivers redundant, high-level respiratory protection and an unparalleled panoramic field of view for operators working with ADC in our Solo Isolator. Although the chance of containment breach is remote, the Sentinel PAPR system design with its Assigned Protection Factor (APF) of 1,000, helps assure the safety of operators.



Quality by Design (QbD) Critical Inspection Process

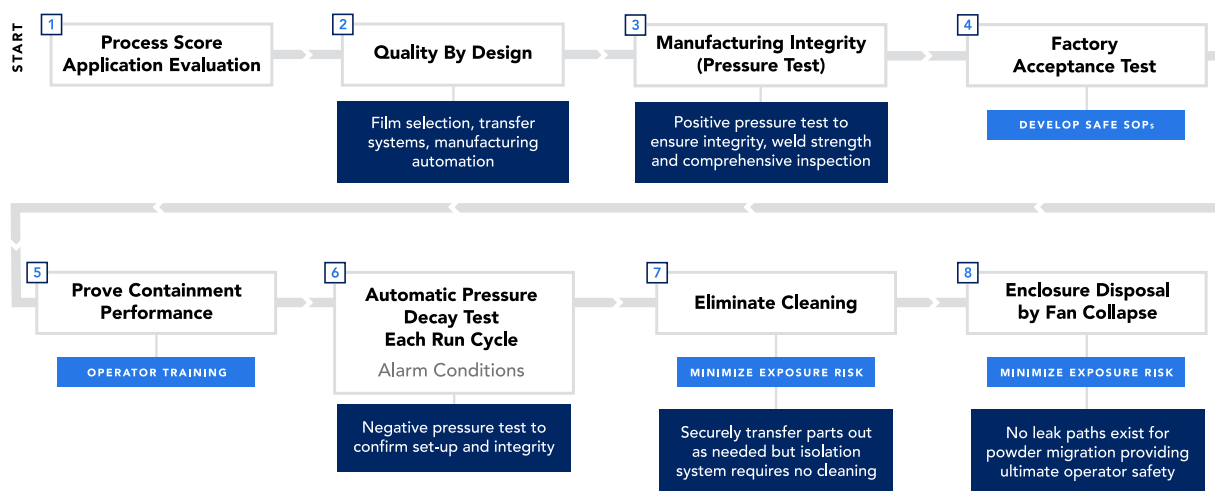
ILC Dover and Solo Containment have an extensive history of developing flexible containment solutions for pharmaceutical processing, supported by robust quality processes. We prioritize quality with film testing, cleanroom manufacturing in ISO 8 environments, and repeatable, automated processes.

Our flexible isolators can be manufactured in multiple films specified for pharmaceutical processing, including our proprietary ArmorFlex® Films. Our films are compliant with multiple global regulatory bodies such as EP, ATEX, US FDA, USP, and more, and can be adapted according to what is best suited for customer applications.

- Resistant to typical solvents used in pharmaceutical processing
- Static dissipative properties for safety with powder handling

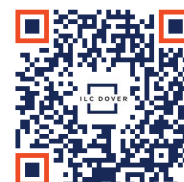
ILC Dover excels in QbD Welding Practices with in-house thermal impulse systems and automated processes, reinforcing weak points in lap seam welding used for isolators and 3D powder bags like DoverPac®, EZ BioPac®, and DoverPac® SF.

The Full Lifecycle Safety Continuum



Contact Us About soloADC™:
Designed Solely for ADC Manufacturing
& Toxic Linker Compounding

Scan the QR code to get in touch with a containment expert.





BEYOND BOUNDARIES®

ILC Dover is a world leader in the innovative design and production of engineered flexible protective solutions, for pharmaceutical and biopharmaceutical, personal protection, bulk packaging, and aerospace industries. Our customers will attest to our relentless dedication to high-value products, advanced technology, and responsive service, as our visionary solutions have improved efficiency while safeguarding people, product, and infrastructure in hazardous conditions through flexible protective solutions since 1947.

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