



# Contained Powder Transfer Systems

for Pharmaceutical Industry



BEYOND BOUNDARIES®

# Engineering Solutions to Powder Handling Challenges

There are many challenges associated with powder handling, such as inconsistent mixing, blockages or caking, sampling complications, and so on. In the pharmaceutical industry, any impact on quality poses health and safety concerns for operators and end users alike.

In 1997, ILC Dover pioneered the innovative design and production of powder containment technologies with DoverPac®, the global standard for containment, reliability, and service. We expanded our line of contained powder transfer systems to include D100 and GuardianPac, which are uniquely designed and configured to handle intermediate and non-potent powders, respectively.

Our flexible containment solutions eliminate problems associated with traditional metal and glass systems for powder handling. They enable pharmaceutical labs to achieve maximum productivity with safe and reliable product performance and allow biopharmaceutical processing labs to reduce cleaning time, costs, and cross-contamination risks.

## Contained Powder Transfer Systems



DoverPac®

High-potency powder containment system for large-scale filling, emptying, and sampling during charging and offloading operations.

- Trusted for 25+ years as the premiere containment system for highly potent powders
- Capable of containing powders with an OEL rating of  $<1\mu\text{g}/\text{m}^3$  verified containment as a system
- Bag-out sleeve on inlet and outlet necks to facilitate contained exchange out of bags
- Integral sleeve facilitates quick sampling without breaking containment
- Every system has been 100% inflation dwell tested and inspected
- Manufactured from rugged ArmorFlex® Film for highly durable construction
- UN & DOT approved



D100

Contained transfer system designed for large-scale intermediate powder handling and containment.

- Containment ( $100\text{-}5,000\ \mu\text{g}/\text{m}^3$ ) low-to-moderate potency powders
- Available in 6 different volumes: 110L, 185L, 300L, 500L, 700L, 850L
- Bag-out sleeve on inlet and outlet necks to facilitate contained exchange out of bags
- Manufactured from rugged ArmorFlex® Film for highly durable construction
- UN & DOT approved



GuardianPac

Reliable containment system for non-potent, non-hazardous powders in pharmaceutical and biopharmaceutical industries.

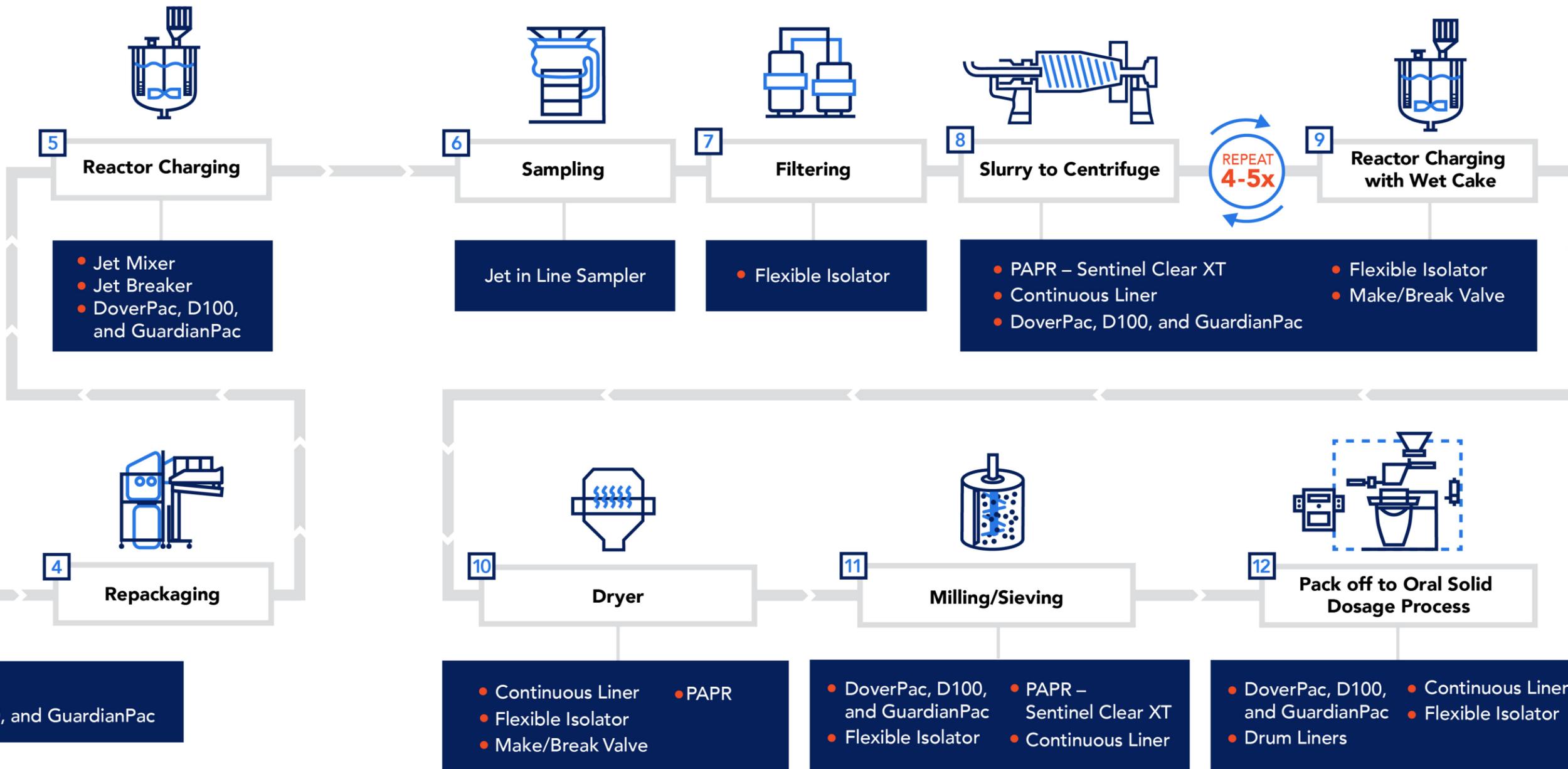
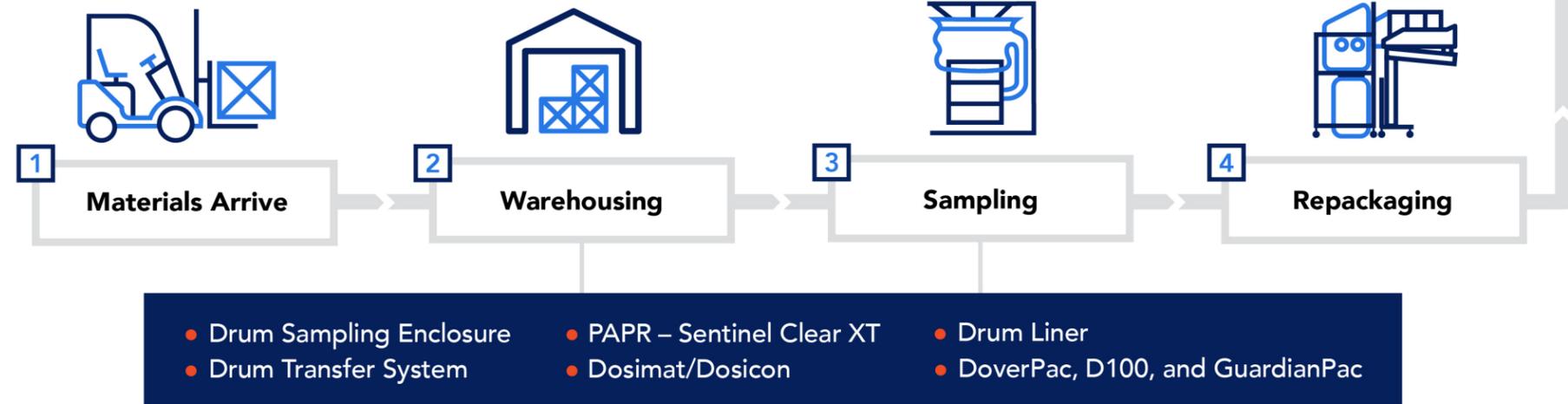
- Designed for inert powders with no potency; no containment statement required
- Available in 6 different volumes: 110L, 185L, 300L, 500L, 700L, 850L
- Available with non-migratory permanent antistatic film
- Liners are manufactured from FDA-compliant films
- UN & DOT approved

Certain configurations available in compliance with IEC 61340-4-4 Ed 3

# Protect Your Product

Reduce Risk and Increase Consistency for Non-Potent, Intermediate, and Highly Potent Powders

START



## CONTACT US FOR ORDERING DETAILS

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## ABOUT ILC DOVER

ILC Dover is a world-leader in the innovative design and production of solutions for biopharmaceutical, pharmaceutical, medical device markets as well as a leading supplier for the (aero)space 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.

Learn more at [ilcdover.com](http://ilcdover.com).