



**ONFAB**

## Process Containment

Flexible, High Containment  
Pharmaceutical Isolators

Retrofit to your existing equipment and get high potent ready – FAST.



**ONFAB**

Process Containment

# Introduction to ONFAB

World leaders in bespoke, single-use flexible containment technology for pharmaceutical process manufacturing.

Founded in 2004, ONFAB are specialists in the design, manufacture and installation of flexible containment technology used in the pharmaceutical manufacturing process and drug discovery, especially involving high potent powders or improving GMP conditions.

With manufacturing facilities in the UK, USA and Spain, we work with global pharmaceutical, biopharmaceutical and contract manufacturing organisations around the world.



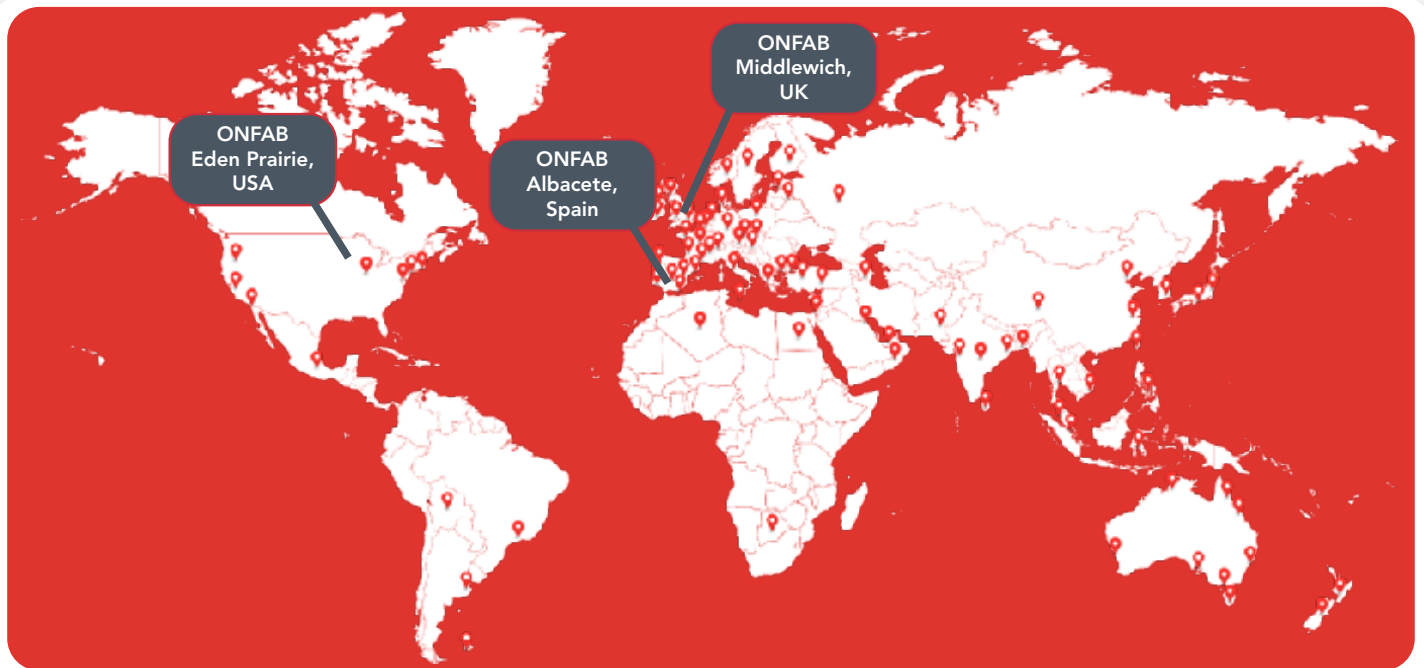
ONFAB HQ (Middlewich, UK)



ONFAB USA (Eden Prairie, MN)

Our cost-effective systems protect users from exposure to hazardous substances typically to a performance of  $< 30\text{ng/m}^3$  down to  $1\text{ng/m}^3$ . They also drive efficiency by reducing cleaning, reducing cleaning validation times and by allowing your existing equipment to handle both non-potent and high potent compounds with minimal downtime for engineering changeout.

ONFAB's isolators can be tailored to your production facility and equipment ensuring we contain the product with minimal disruption to your established processes - working with you and your site-based teams to develop the correct solution.



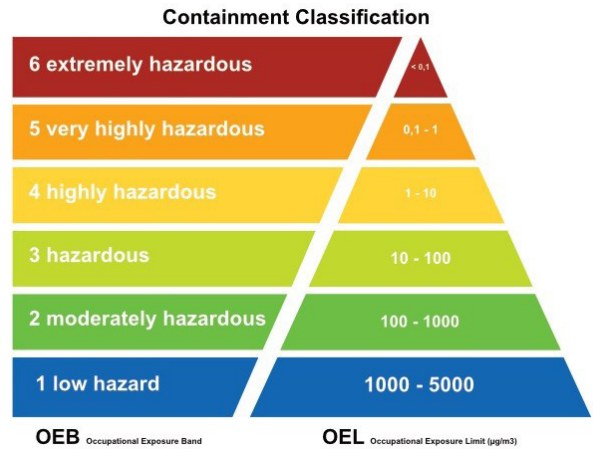
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# The High Containment Market

PERFORMANCE < 30 ng / m<sup>3</sup>

Recent developments in the pharmaceutical industry have led to increasingly higher usage of toxic compounds working predominantly in the OEB 4, 5 and 6 banding. ONFAB's ergonomic isolator solutions allow handling of these materials, ensuring new drug modularities can be developed and manufactured safely and efficiently.



## Typical Isolator Performance Testing Data

The following results reflect the airborne concentration of naproxen sodium over task (ng/m<sup>3</sup>).

Test Location	Powder Handling Runs			Dismantling Run
	Run 1 (43 mins.)	Run 2 (43 mins.)	Run 3 (40 mins.)	Run 1
Pre-Trial Background*	< 0.83	< 0.83	< 0.83	N/A
Personal 1	< 0.58	< 0.58	< 0.63	< 0.82
Personal 2	N/A	N/A	N/A	< 0.83
Position 1	< 0.58	< 0.58	< 0.63	< 0.83
Position 2	< 0.58	< 0.58	< 0.63	< 0.83
Position 3	< 0.58	< 0.58	< 0.63	< 0.83
Position 4	< 0.58	< 0.58	< 0.63	< 0.83
Position 5	< 0.58	< 0.58	0.69	N/A
Position 6	< 0.58	< 0.58	< 0.63	N/A
Position 7	< 0.58	< 0.58	< 0.63	N/A

\*Pre-Trial Background run time was 30 minutes



ONFAB ADC Isolator

# The Many Benefits of Flexible Containment Technology

## Ensure Worker Safety

- Safeguard workers from exposure to hazardous materials.
- Maintain integrity of the manufacturing process.

## Maintain GMP Compliance

- Benefit from product-specific environmental conditioning.
- Use solutions for ATEX explosive applications.
- Cross contamination control.

## Futureproof Systems with Ease

- Enable existing process equipment in OSD, Chemical Synthesis and Drug Discovery facilities to process highly potent compounds easily.
- Upgrade or modify production capabilities with minimal downtime - and no extensive re-engineering.

## Enhance Operational Efficiency

- Significantly reduce cleaning validation time and cost against traditional rigid isolators.
- Get better use of your facility's space without the need for a dedicated permanent isolator.

## Improve Productivity

- Integrate seamlessly into existing Standard Operating Procedures (SOPs), requiring minimal changes to current workflows.
- Ease of installation reduces setup time requirements.

## Optimize Budgets

- Meet containment needs without the large upfront investment requirement common with rigid isolators.
- Avoid the financial burden of ongoing equipment depreciation.

## Effectively Manage Timing and Costs

- Control lead times with just-in-time delivery, manage inventory effectively and reduce storage costs.
- Secure a more predictable production cost structure, allowing for better financial planning.
- Improved speed of supply (typically 8-12 weeks).



# Flexible Standalone Isolators

The most versatile type of containment solution, providing a safe environment for high potent powder handling across many different processing requirements.



**Weighing and Dispensing Operations**



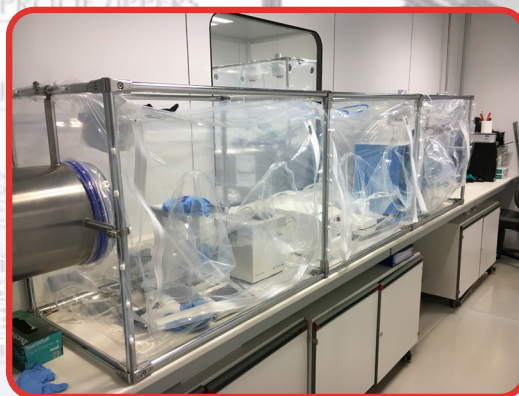
**In Process Control (IPC Applications)**



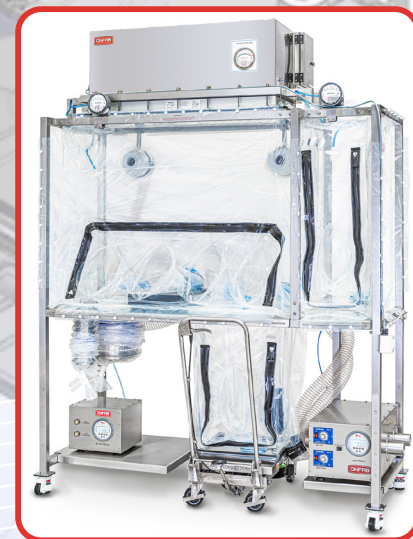
**Drum Transfer Processes**

## Key Advantages:

- High quality solution
- Lower investment costs compared to rigid isolators
- Reduction of cleaning and validation costs
- High containment performance
- Easy handling
- Isolator film with high tear resistance
- Gamma sterilization possible
- Ergonomically sound



**Enclosing of Small, Tabletop Powder Handling Equipment**



**Aseptic Applications**



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# Retrofit Standalone Isolators

Custom, retrofit containment isolators to contain your high potent processing, suitable in many different environmental conditions.



**Blending, Subdivision, and Weighing**



**Milling and Sieving**



**Fluid Bed Drying and Centrifuge**



**Tableting and Capsuling**



**Granulation and Reactor**

## Key Benefits:

- Upgrade existing non-contained pharmaceutical process equipment
- Lightweight systems, heavy duty performance
- Tailored to your process requirements
- Minimal impact on existing SOPs
- Increase your productivity while reducing cleaning and validation times



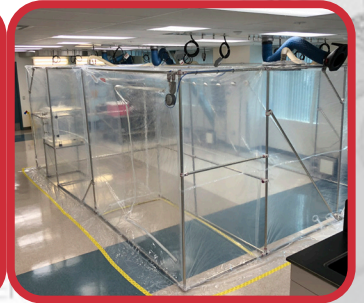
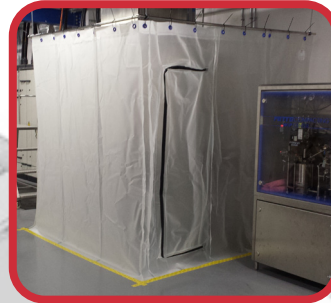
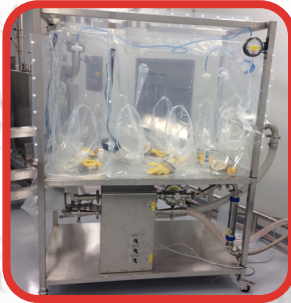
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# Additional Products

Whatever your containment need, ONFAB has the ability to suit your existing process with minimal disruption to your daily operations.



Nitrogen Isolators

Room and Door Enclosures



Continuous Liner Dispenser



Pop-Up Isolator

## About ONFAB

*Founded in 2004 and acquired by USA-based Savillex in 2023, ONFAB is a global leader in bespoke, single-use flexible containment solutions for pharmaceuticals process manufacturing, with over 6,000 systems in use worldwide. Operating ISO 9001 accredited facilities in the UK, Spain and USA. ONFAB offers short lead times, reliable after-sale care, and rapid replenishment, serving clients worldwide.*



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