

# Packaging Solutions for Auto-Injectables





With increasing demand for packaging solutions for auto-injectables, and a compressed timeline to supply these products to patients, Almac Pharma Services' commercial facilities in the UK, EU & US, provide flexible, quality led commercial pharmaceutical packaging solutions tailored to meet your specific needs, from initial artwork and pack design to commercial drug product packaging, serialisation and distribution.

Our high and low throughput commercial pharmaceutical packaging operations provide flexibility and efficiency in the processing of all types of presentations. We're able to support both high volume marketed products and niche/orphan drug launches and ongoing lifecycle supply.

**Secondary labelling and packaging solutions include:**

- Bottles
- Stick pack
- Sachets
- Vials
- Ampoules
- Wallets/Blister cards
- Cartons
- Auto-injectors
- Cartridges
- Pre-filled syringes
- Pen devices
- Advanced safety syringes
- Custom formats
- Specialist packaging including cold chain and ultra-low temperature
- Complex kit assembly

**Our secondary packaging facilities can accommodate a range of products including:**

- Temperature controlled
- Humidity sensitive
- Potent/cytotoxic
- Oxygen sensitive
- Light sensitive

# What are the benefits to outsourcing secondary packaging?

## **Cost-Effectiveness:**

Significantly reduce capital investments in facilities, equipment, and most importantly skilled technical personnel.

## **Technical Expertise:**

Access to experienced professionals who possess in-depth knowledge of various aspects of packaging - tap into a wealth of knowledge to accelerate timelines.

## **Flexibility:**

Unparalleled flexibility to accommodate fluctuations in demand and market trends.

## **Tailored Solutions**

Readily adapt capacity and capability to align with your specific needs offering a completely tailored solution and enabling you to respond quickly to market demands.

## **Accelerated Timelines:**

Bring your products to market faster, capitalizing on early-mover advantages and maximize commercial potential.

## **Innovation and Focus:**

Our expert teams are dedicated to the intricacies of packaging and supply chain management excellence, ensuring that products are consistently produced to the highest quality standards.

# Equipment Readiness

Almac has a range of secondary packaging equipment specifically suited to the secondary packaging of auto-injectable products.

Flexible GMP floorspace provides the opportunity to scale up to meet demand. In line with regulatory compliance, our facilities regularly undergo GMP inspections by MHRA, FDA, and HPRA. We hold GMP certificates enabling GMP development, manufacture, and packaging of products.

Almac can meet your complex kit assembly outsourcing requirements from low volume, manual kitting through to high volume, semi-automated processing to meet the needs of larger scale commercial market demands.

Our custom built semi-automated packaging system (SAPS) provides a streamlined and efficient semi-automated process for the packaging of complex medical kit components and can process both standard and custom syringes, as well as auto-injector pens and any other medical devices. The highly customisable technology can operate to various scales, allowing for a variety of pack formats from sample kits to marketing packs in addition to multi-product dosage packaging. This innovative complex kit assembly technology is integrated with additional processes to allow for serialisation/carton overprint configurations.





## End-to-end supply

Almac Pharma Services offers a range of fully integrated product development, clinical and commercial manufacturing solutions from our new state of the art facility. Providing both small and large scale manufacturing, and technology transfer to provide a smooth transition of your product.

Our tailored, quality-led end-to-end solutions enables us to support your team from a single source as you move from early to late-stage development through to launch and commercial supply across global markets.

## Why choose Almac?

- Highly experienced, dedicated, and expert teams
- Industry leading project management
- Flexibility to meet your growing needs
- Reputation for quality
- Results driven
- Collaborative partnership
- One global Quality Management System
- Continual investment in our people, facilities, capabilities, and technology



Scan the QR Code to find out more about our commercial services here.

[almacgroup.com](http://almacgroup.com)

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## Get in touch

Global HQ  
+44 28 3836 3363

EU HQ  
+353 42 932 0718

Audubon, PA, USA  
+1 610 666 9500

Charnwood, UK  
+44 15 0926 0763

[pharmaservices@almacgroup.com](mailto:pharmaservices@almacgroup.com)