



West **READY PACK**®
Ready-to-Use Sterile packaging system

Conveniently Delivering your Complete Packaging Needs

Primary packaging components to transition your drug product from early stage clinical development through commercial scale up and product launch.

Components proven to work as a system

With biologic drugs increasing in complexity, companies are putting more focus than ever on mitigating risk in the drug development process. You need a complete packaging system you can trust, allowing you to maximize your time and resources to get your drug to market quickly and safely. West's Ready Pack® components are supplied ready-to-use, pre-tested and proven to maintain container closure integrity (CCI), reducing the need for further processing at your site and providing assurance that the components are compatible as an integrated system.

Support a smooth transition from early stage development to commercial launch

The Ready Pack system provides you with a flexible solution at any stage of your drug development, with small quantities delivered when you need them. Components are suitable for small-scale filling of high value drugs and meet regulatory requirements from R&D through commercialization. West seamlessly supports your scale up to commercial production with larger volumes, while shortening your time to market with a proven containment system for your drug product.

Convenient online ordering and fast delivery

Stoppers, seals and vials are supplied directly from West and can easily be **ordered online**, allowing you the flexibility to buy the entire system, or only the components that you need. Items are held in stock and delivered quickly when you need them. Products are supplied in ready-to-use convenient small packs, eliminating extra processing steps for you and providing optimal quantities to support small-scale development work.

Providing superior global support and service to our customers

Account Managers, Customer Technical Support Managers, Order Fulfillment Specialists, and other integral departments are here to support your needs at different stages of development. Through close collaboration, education and product knowledge sharing, we help you navigate technical and regulatory challenges and provide solutions for you, allowing you to focus on your drug development so you can get to market quickly.

Customers can access the **West Knowledge Center** which stores technical reports, bulletins, and scientific posters. The Knowledge Center is continually updated based on customer requests, allowing you to stay abreast of current information, with the convenience of assessing the online portal 24/7.



Did you know?

The Top 50 Injectable Biologics Rely on West and Daikyo Components and 7 of the top 10 Injectable Biologics use West's FluroTec® Film.¹

West **READY PACK**®

Ready-to-Use Sterile packaging system

Seals

- Maintain CCI with Flip-Off® CCS seals (Clean, Certified, Sterilized)
- Bioburden-controlled seal that meets global guidelines for capping outside the isolator environment
- Available in 13mm and 20mm in red, blue or white



Stoppers

- NovaPure® 4023/50 stoppers are West's premium line of stoppers, offering the tightest particulate specification for West elastomer products
- FluroTec® barrier film protects against drug-closure interactions
- Full vision verification to provide consistent high-quality components
- Available in 13mm and 20mm in serum and lyophilization designs



Vials

- Schott's adaptiQ® high-quality ready-to-use vials, available in multiple sterile packaging options such as the clip nest, cup nest and tray solution can be processed on a wide range of existing and new fill and finish equipment
- Nested processing of the vials ensures no glass-to-glass contact of the vials throughout the fill finish process including lyophilization
- Available in 2R, 6R and 10R ISO vial sizes



CONTACT US

For more information visit www.westpharma.com

North America 1-800-345-9800 option 8 | South America +55 11 4055 6061 | Europe +49 (0) 2403-7960 | Asia Pacific +65 6862 3400

West Pharmaceutical Services, Inc. 530 Herman O. West Drive | Exton, PA 19341

1: Drug ranking based on Iqvia data by USD sales and West participation based on data from account managers and LOA records

West and the diamond logo, By your side for a healthier world, Ready Pack, NovaPure, FluroTec and Flip-Off are trademarks or registered trademarks of West Pharmaceutical Services, Inc., in the United States and other jurisdictions. FluroTec technology is licensed from Daikyo Seiko, Ltd. adaptiQ is a registered trademark of SCHOTT AG.
© 2020 West Pharmaceutical Services, Inc.

Benefits Include:

- Integrated closure system proven to assure CCI, reducing your risks and testing efforts
- Provides a solution for risk mitigation and change control, assuring your drug product and its packaging maintain a consistent profile from clinical stages through commercial development
- Components are supplied sterile and can be directly introduced into your filling operations, eliminating component preparation from your process
- Supports scale up and allows you to transition from early stage pilot manufacturing to larger commercial scale operations
- Available in small quantities, with the flexibility to buy the full system or only the components that you need, reducing waste associated with commercial volumes
- All components can be purchased from West online via a purchase order or credit card and are shipped from stock, allowing for convenient ordering and quick delivery to your site
- Dedicated technical support and access to scientific resources and content, aimed at helping you move your drug product to market