



# **Vial Adapters**

## **Enable needle-free drug transfer and reconstitution**

Vial adapters are the cost-effective solution for the safe and rapid transfer and reconstitution of drugs between vials and syringes. Our vial adapter spike technology provides a reproducible engineered depth for drug and diluent aspiration, which greatly reduces the end-user variability associated with traditional needle aspirations. That means you can assure the most efficient and cost-effective vial overfill volumes for your drug product.

## **Vial Adapters**

- Reduces exposure to needle-stick injuries
- Fewer steps, parts and sharps
- Reduce costly overfill requirements

## **O**ptions

- Siliconized spike reduces insertion force
- In-line fluid path filters reduce particle transfer

#### **Vented Vial Adapter**

- Dual-channel spike facilitates rapid large-volume withdrawal without pressurizing vial
- Reduces sprayback potential of toxic materials through pressure equalization
- The design allows sterile inbound air and proper aspiration
- PTFE 0.2 micron hydrophobic air filter

### Swabable Vial Adapter

- Silicone rubber valve with Luer-compatible connector maintains sterility for repeat vial access
- Eliminates coring and stopper integrity issues associated with multi-dose rubber stoppers
- Opens only when connected to/compressed by standard Luer slip or Luer lock syringe
- Swabable surface to insure sterility

Vial adapters are 510(k) cleared by the United States Food and Drug Administration and carry the CE mark.

## For more information visit www.westpharma.com

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