



Chemfort™ closed administration components are designed to ensure the safety of nurses in hospital wards

Chemfort™ closed administration components reduce the risk of exposure to hazardous drugs in vapor, aerosol or liquid form that can occur during drug administration. Use of these components protects healthcare professionals from the negative effects of exposure to hazardous drugs. Safe drug containment also minimizes environmental contamination.¹ In addition, Chemfort™ closed administration components eliminate the risk of needle stick injuries.²

Bag Adaptor CP

- The Chemfort™ Bag Adaptor CP firmly connects to a standard IV bag or semi-rigid container to one of the Chemfort™ closed administration sets.
- A safe drug transfer from the syringe into the IV bag or semi-rigid container is installed through a closed connection with the Chemfort™ Syringe Adaptor (SA) / Syringe Adaptor Lock (SAL).
- A “click” sound indicates a safe, closed connection between two Chemfort™ components.
- The self-sealing elastomers prevent drug leakage and droplet formation on the outer septa surfaces.
- A simple pinch on the SA/SAL wings will safely disconnect the SA/SAL from the Bag Adaptor CP.
- PVC-free.



Chemfort™

Keeps you safe. Simply click

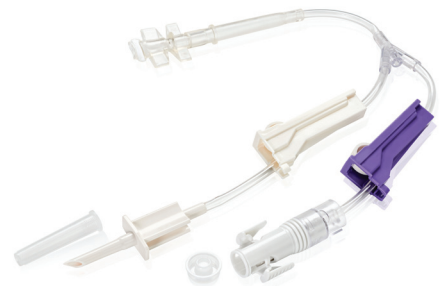
Closed Adaptor SP

- The Closed Adaptor SP is connected to the Bag Adaptor CP, which is firmly connected to a standard IV bag or semi-rigid container.
- It incorporates an internal 16G needle that allows easy withdrawal of drugs, including viscous ones. The needle has a self-retracting mechanism that protects the operator from needle-stick injuries.
- It allows connection to IV administration sets (gravity or pump) through the spike port.
- The transparent spike port access point enables the user to ensure that the primary set IV spike is inserted correctly into the spike port, thus eliminating the danger of leakage, disconnection and/or exposure to hazardous drugs.
- During manipulation the “click” sound indicates a safe and secure connection between two Chemfort™ components.
- The self-sealing elastomers prevent drug leakage and droplet formation on the outer septa surfaces.
- A simple pinch on the SA wings will disconnect the SA from the Bag Adaptor Port.
- The Closed Adaptor SP can then be connected to a new Bag Adaptor CP attached to an IV bag with saline / new drug.



Closed Y Inline Set

- The Closed Y Inline Set is a secondary set that firmly connects between a standard IV bag or semi-rigid container and any IV administration set (gravity or pump).
- The Closed Y Inline set has two connections: a spike connection to an IV bag or semi-rigid container containing saline and a Chemfort™ Syringe Adaptor (SA) component that connects to the Bag Adaptor CP. Each connection has an individual roller clamp color to indicate the fluid path. The white roller clamp is for saline and the purple roller clamp is for the drug.
- During manipulation, a “click” sound indicates a safe and secure connection between two Chemfort™ components.
- The self-sealing elastomers prevent drug leakage and droplet formation on outer septa surfaces. In addition, there is a twist off connection that allows connection to a primary set.
- A simple pinch on the SA wings will disconnect the SA from the Bag Adaptor CP.
- The Closed Y Inline set can then be connected to a new BACP attached to an IV bag with saline / new drug.



Closed Secondary IV Set

- The Closed Secondary IV Set is connected to the Bag Adaptor CP, which is firmly connected to a standard IV bag or semi-rigid container.
- Its unique design presents a Chemfort™ Syringe Adaptor (SA) component that connects to the Bag Adaptor CP allowing a safe drug transfer through a closed connection between Chemfort™ components.
- It incorporates an internal 16G needle that allows easy withdrawal of drugs, including viscous ones. The needle has a self-retracting mechanism that protects the operator from needle-stick injuries.
- During manipulation a “click” sound indicates a safe and secure connection between two Chemfort™ components.
- The self-sealing elastomers prevent drug leakage and droplet formation on the outer septa surfaces.
- A simple pinch on the SA wings will disconnect the SA from the Bag Adaptor CP. The system is still closed after the disconnection.
- The Closed Secondary IV Set can then be connected to a new Bag Adaptor CP attached to an IV bag with saline / new drug.



1. Olle Nygren et al., Spill and Leakage Using a Drug Preparation System Based on Double-Filter Technology, The Annals of Occupational Hygiene, 2009, volume 52, issue 2, p 95-98.
2. Debra Adams, Council Directive 2010/32/EU: Impact on pharmacy team; HPE, issue 65, 2012 p23-26.