Product Description

The CSV4 is a fully contained system for the safe and effective transfer of hazardous and toxic media. It is available in a range of sizes, can easily be adapted to most applications and is highly cost effective.

Sample Applications

- Reactor Vessel Charging
- Process Vessel Charging
- Dispensary/Isolator Discharge
- High Shear Mixer Granulator Additions
- Mill & Sieve Applications
- IBC Additions (API & Lubricants etc)
- Small Scale Handling Processes (Clinical & Stability Trial Batches)
- Centrifuge Chutes
- Tableting & Tablet Coating
- Through Floor Feeders
- Charge Bag & Bottle Applications
- Tray Dryer Transfer
- IBC Filling Head & Discharge Station

PRODUCT ADVANTAGES

- Very cost effective
- User friendly
- Minimal maintenance
- No Flow Restriction - Full Bore
- Achieves containment levels (<1μg/m³)
- No site services required to achieve containment
- Eliminates waste treatment of cleaning solutions
- Light weight
- Reduces manual handling issues
- Maximum yield
- Offers secondary containment
- Short lead time
- Can be supplied as a manual system throughout the size range (2", 4", 6", 8", 10" & 12" nominal bore)
- Compact suitable for all applications
- Not possible to separate when partly open (unlike split valve technology)
- Can be used as a Transfer Port - RTP
- Bespoke designs possible - square & rectangle section

Why is it Different?

- Spigot seals against passive valve to create containment
- Chargebag with Passive Valve locks in to Active half and secured by integrated mechanical interlock
The Transfer Process

1. The Chargebag with Passive Valve attached (cannot be opened independently). The Choke Clip or Butterfly Valve is used to prevent product from flowing and contacting Passive Valve slide plate.

2. Active half of the CSV System ready for the Passive to be docked in place.

3. The Chargebag with Passive Valve locks in to Active half and secured by integrated mechanical interlock.

4. Active Slider is retracted opening Passive and Active sliders at the same time.

5. Active half lowered over integrated Spigot sealing against Passive Valve creating full containment.

6. Choke Clip is removed allowing product to flow. The process is followed in reverse to achieve a clean and contained disconnect.