Workers who mix and apply chemicals have been looking for a simple way to transfer chemicals without the risk of spillage or exposure, and Sotera came up with an innovative response—SecuraLink. Whether you’re transferring from a jug, 15- or 30-gallon drum, 55-gallon barrel, or a tote (110-220 gal), the SecuraLink family of products creates a truly closed system. Now, you can contain the entire fluid transfer process to prevent spillage of expensive concentrated chemicals, and promote good stewardship and safety at the same time.
Worker Exposure – This revolutionary closed-system product allows applicators to safely transfer chemicals where exposure is most common—at the point of transfer. No more splashing or spilling during mixing and loading. The SecuraLink system has been designed as dry disconnects to reduce the risk of exposure to the handler. With the EPA and DOT increasing regulations with regard to chemical transfer and transport, SecuraLink provides the closed-system solution you are looking for.

Simplicity – While other closed-systems have been complicated and a hassle to operate, SecuraLink is based on a universal dispensing platform for all SecuraLink products. Simple valves and dry disconnects make for safe, easy fluid transfer.

Flexibility – In-line. On the lids of tanks. At the end of a hose. Directly on the tank. Into eductors or inductors. Interfaced with different product manufacturers. SecuraLink products are designed to mount how and where you need them, while maintaining a closed-system. And you can keep a closed-system in all your applications—kegs, hand pumps, power pumps, drums, mini-bulks or totes, and more.

Flow Control – SecuraLink-G (or SecuraLink-U) lets the user accurately control the flow of liquids in the jug. Dispense all or part of the liquid in the jug by rotating the valve in the Tank Adapter.

Speed – The SecuraLink-G (or SecuraLink-U), together with a Tank Adapter installed on the tank, allows for safe dispensing of the entire jug with just a 1/8 turn.

Closed-System Rinsing – SecuraLink-U closed-system Rinser keeps contaminated rinseates off the operator, keeping them dry and clean. Save time and money by rinsing at the time of dispensing. There is no need to deal with messy jugs or large volume rinseate containers. The rinsing process is clean, efficient, and safe. Always follow proper procedures in rinsing and disposing of jugs.

Safety – The SecuraLink family reduces the risk of spilling and splashing of fluids during the transfer of chemicals. When used on a jug, the transfer is secure. When used at the end of a hose, such as the SecuraLink-H, the risk of a hose falling out of the tank opening or dropping on the floor or ground during transfer is eliminated.

Good Stewardship – SecuraLink technology fits into the current way many users transfer chemicals today and enhances safety, security, and efficiency. We are not changing the way they transfer chemicals—we are improving on it. Many government agencies have applauded the benefits of SecuraLink at a time when chemical registration and handling has been under review.

Economical – SecuraLink is affordable and a small price to pay for peace of mind when it comes to chemical transfer. The SecuraLink designs are straightforward and have economics built into each product. There is no need to buy expensive cumbersome transfer devices. Couple the SecuraLink with your favorite transfer method and create a safe, accurate, and affordable solution.
Closed-System Technology

YOU’VE FOUND THE MISSING LINK.

In the past, closed-system fluid transfer has often been complicated, expensive, and anything but universal. But what good is a fluid transfer system if it isn’t compatible with the way you work—with a variety of pumps, meters and tank openings.

SecuraLink is going to change all that.

The SecuraLink system revolves around the patented SecuraLink valve/coupling device. There are two key components to every SecuraLink product—a dry disconnect valve/coupling and a receiving platform adapter referred to as a Tank Adapter. Once you have these adapters installed on your eductors/inductors, flow lines, or mix tanks, you will be on the right track for greatly reducing your risk of spillage and exposure. Users who have tested the new SecuraLink product are already singing the praises of this closed-system.

How does it work?

The SecuraLink valve interfaces with the receiving platform or Tank Adapter, creating a dry disconnect closed system. This technology has been incorporated into three popular products: SecuraLink-G, a 63mm jug valve cap; SecuraLink-U, a universal dispensing and rinsing system; SecuraLink-H, an end-of-hose dry disconnect. The receiving platform, more commonly called the Tank Adapter, connects to each SecuraLink product and allows you to transfer fluids from a variety of applications and locations. The SecuraLink G, U, and H—together with a SecuraLink Tank Adapter on the tank—creates a closed-system that lets users transfer chemicals quickly, safely and economically.

SecuraLink Hollow Tank Adapter – this female coupling to the valve can be installed into popular eductor/inductor lids or tops, directly onto tanks or tank lids, or in-line using the Tank Adapter Induction System. The versatility of installation provides many ways to solve your safe transfer needs. The Tank Adapter features a closed-system spring valve poppet, which is keyed to mate with all SecuraLink valves. This keying action is what opens and closes the valve as you turn the container or valve housing, to control the amount of flow from the container or hose. The valve cannot be removed without it being closed, thus reducing the risk of spilling chemical during use. A safety cap is provided as well to prevent dust and dirt from contaminating the surface of the tank adapter poppet. Valve tab guides on the outer ring of the Tank Adapter provide for easy interface during the connection. The material of construction is glass-filled polypropylene for multiple use and long life durability.
A Closed-System Family – At the heart of the SecuraLink design is the unique dry-disconnect valve. This technology has been incorporated into SecuraLink’s entire family of products. A transfer system is not closed until you secure the transfer from the point of pumping or pouring and then into your mix tank or reservoir.

 SecuraLink-G is a 63mm valve cap male fitting that fits on chemical jugs replacing the standard cap closures. The valve cap comes installed on the jug from the manufacturer supplying the fluid. This allows the product to be used in a package size, which is convenient for the user and makes it easier to comply with closed-system regulations. The SecuraLink-G is made from a cross polymer polyethylene material and contains no metal components. The valve cap is locked onto the jug with specially designed lugs preventing easy removal. This feature makes the jug and valve cap a one-time use container, which cannot be refilled. A tamper-evident cap is welded onto the face of the valve and is easily removed before use. The material of construction meets the ACRC recycling standards. The G is dry disconnect and secure—no more splashing or spilling on yourself during mixing and loading.

 The SecuraLink-H gives you even more flexibility by allowing you to connect hoses. The SecuraLink-H is a SecuraLink male valve adapter molded into a hand grip housing with a 1” NPT swivel threaded outlet port. The H is constructed of glass-filled polypropylene for chemical compatibility and many years of use. Turn any pumping system—electric or hand—into a closed system by attaching an H to the end of a hose and install a Tank Adapter in your mix tank. You can even attach a meter at the end of the hose before the H for added convenience. We offer two versions of the H: one with a check valve installed in the 90° elbow for our popular Volumetric Hand Pump; and one without for all your other pump needs.
SecuraLink-U Universal Closed Jug System—together with a Tank Adapter on the mix tank—creates a closed system that lets users transfer chemicals quickly, safely and economically. Plus, the built-in Rinser allows for pressure rinsing the container without risk of exposure. With the SecuraLink-U, you can turn almost any 1- or 2.5-gallon jug into a closed-system. The U was the direct response to many users requesting a universal closed system similar to the G, which allowed the user to turn their chemical jugs into closed systems. Users liked the SecuraLink-G but they could only get this method of safe transfer when the chemical company installed G valve caps on the chemical container. They asked Sotera to create a system of closed transfer independent of the chemical provider. The user can now transfer chemical and rinse their jugs in one process with the rinseate going directly into the mixing container where it belongs and the jug is ready to be disposed of safely.

Here's how it works:

1. Remove cap from your jug.
2. Disengage plunger.
3. Attach 63mm female coupler to your jug.
4. Thread and tighten coupler onto jug.
5. Break foil or foam seal on jug by pressing down on SecuraLink-U. (The inset photo shows how the SecuraLink-U cuts the jug seal.)
6. Attach SecuraLink-U to the SecuraLink Tank Adapter you have already installed on your tank. With a simple 1/4 turn you can now dispense all or part of the liquid by rotating the valve on the Tank Adapter.
7. The jug rinser allows you to pressure rinse your jugs, keeping contaminated rinseate off the operator. A dry-disconnect further reduces the risk of exposure. Always follow proper procedures for rinsing and disposing of jugs.

SecuraLink Tank Adapter Induction System – an in-line Tank Adapter mounted in a miniature inductor bowl and venturi system. This allows for simple easy installation into existing mix systems. The in-line system can be mounted at convenient operator heights and locations and the connections are a standard 2” hose barb fitting. The Tank Adapter is vented to allow gravity flow from the container. A safety check ball has been designed into the bottom of the inductor bowl to prevent reverse flow.
Future SecuraLink Products and Accessories – Sotera is committed to the research of new and innovative ways to meet the needs of future closed-system transfer. We have many new products under development:

**Tank Adapter Rinser**

The Tank Adapter Rinser is a combination tank adapter with a built-in rinser for rinsing jugs that have a SecuraLink-G valve cap installed on them. It has a higher profile than the standard tank adapter because of the rinser feature. This version of the tank adapter is needed to rinse jugs with G’s only, but interfaces with all other SecuraLink fittings. (Has the same features as the standard tank adapter.)

**Accuductor™**

The Accuductor is an accurate closed-system inductor/eductor tank. Accurate to 1 oz. increments, this is the first inductor/eductor system to allow closed-system dispensing using two SecuraLink tank adapters while measuring very accurately in small amounts. The system will be sold as components (allowing retrofitting to existing units) or as complete systems. Patent pending.

**SecuraLink-Da Dry Applicator**

The SecuraLink Dry Applicator System fits on a 63mm jug opening. The unit comes with a cutter that removes the induction seal on the jug when installed. This feature allows the jug to remain a closed system during installation. With the turn of the dispensing chamber, exact amounts of dry chemical can be dispensed. A sling allows the applicator to easily carry the jug, making the system a safe, portable, and simple unit to use by your workers.

**Products. Support. Solutions.**

*Sotera Systems is a company dedicated to ideas.*

Ideas that improve the way our customers work. Ideas that promote good economy, efficiency, and stewardship. Ideas that look ahead to the future, while building on our rich tradition of excellence.

Day in and day out, Sotera’s sole focus is to improve the way the world handles and transfers chemicals. Our engineers are charged with digging deeper to find new and better ways of doing things. Our knowledgeable and responsive sales team understands how valuable your time is, so they work to get you the answers you need in a timely and professional manner. Our R&D department isn’t locked away in some laboratory. They are out in the fields, talking to customers, and listening to what you have to say.