

# Single-Use Fluid Transfer Assemblies for Bioprocessing

ILC Dover provides proprietary and internally manufactured solutions to meet the full scope of your FTA requirements. For parts outside of our manufacturing stack, we adopt a vendor-agnostic approach, ensuring full customization and optimal performance for your bioprocesses. Our procurement teams can source any part of your FTA from any vendor, and our dedicated technical staff will work diligently to design and engineer your assembly exactly as specified.

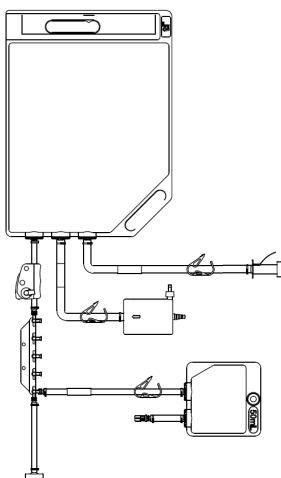
## Wide Range of Applications

- Buffer Preparation
- Media Preparation
- Fluid Transfer
- Fluid Storage
- Bulk Transfer
- Bulk Storage
- Chromatography
- Filtration
- Fill and Finish

## Quick Turnaround Times

For products configured with parts from our Standard Component Library, we will release pricing, lead times, and drawings within 48 hours.

For more specialized custom solutions, we will prepare drawings and budgetary estimates in 7 days or less.



## Regulatory Compliance

All product contact FTA components within the Standard Component Library undergo extensive validation to ensure compliance with industry-standard regulations, such as:

- FDA codes
- ISO Class 7 manufacturing
- USP/ISO/Ph.Eur. Biocompatibility
- ADCF

## Robust Supply Chain

Our extensive agreements with qualified suppliers both within the ILC Dover umbrella and outside of it ensure that we will deliver all parts of your FTA designs quickly and consistently, no matter the situation.

Common FTA components such as single use liquid bags, tubing, and connections are manufactured internally by ILC Dover or by our subsidiary Flexan™. By using proprietary designs and processes, we guarantee that we will provide the parts that you need, when you need them.

Need something not produced by ILC Dover? Let us know your specifications and our procurement team will find the parts you need from any vendor in the industry!

## Proprietary Designs

ILC Dover is known for the craftsmanship of our powder containment systems. That same expertise engineered our line of liquid containment solutions – used in storing and transferring raw and intermediate fluids in upstream/downstream processing and fill/finish activities.

Our internal manufacturing suite, consisting of ILC Dover facilities and those of our subsidiary Flexan™, allows us to produce single-use liquid containment bags, medical-grade tubing, and a wide-variety of end fittings – all the most common components of FTAs. These unique designs are fully compliant, performance-tested, and approved for product-contact use in bioprocessing operations, boasting optimal flow rates, biocompatibility, and leakage prevention.

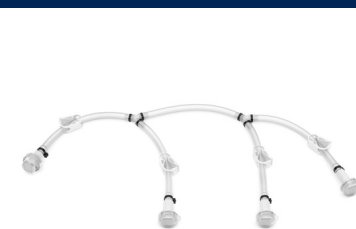
## Integrated Solutions

When you start working with ILC Dover, you will be paired with FTA engineers and procurement leads to determine optimal designs and components for your FTA requirements. These team members will leverage the full extent of ILC Dover's manufacturing capabilities and universal procurement agreements to ensure that you receive customized, fully-integrated solutions for all of your FTA needs.

### Liquid Handling Components and Tubing



### Liquid Handling Fluid Transfer Assemblies



### Integrated Solutions for Bioprocessings



### Liquid Handling Liquid Bags



# Standard Component Library (SCL)

ILC Dover uses a massive library of qualified, pre-validated components that meet industry standards for FTA design requirements. Any FTA components in your design that are already in our SCL will expedite every aspect of your order, from design to approval to sourcing and shipping. It also includes proprietary components such as ILC Dover's bags, ports, tubing, and associated end fittings.

Want to assess the types of components currently stored in our SCL? See below for a list of pre qualified FTA parts that will make your ordering process even easier!

Aseptic Connectors	Open-Format Fittings	Sanitary Fittings
		
Crimp Disconnects	Ports	Tube Clamps
		
Lifting Devices	Protective Packaging	Tube-to-Tube Connectors
		
Luer Fittings	Retainers	Tubing
		

## Any Workflow. Anytime.

ILC Dover offers a comprehensive and integrated solution portfolio to support all of your needs in powder and liquid handling. Our high degree of flexibility allows us to customize our solutions to fit your unique process and requirements.

**We partner with you every step of the way.**

## About ILC Dover

Innovators at our core, we develop engineered flexible protective solutions that improve efficiency while safeguarding people, product, and infrastructure in hazardous conditions.

**Learn more at [ilcdover.com](https://ilcdover.com).**



SCAN ME



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