

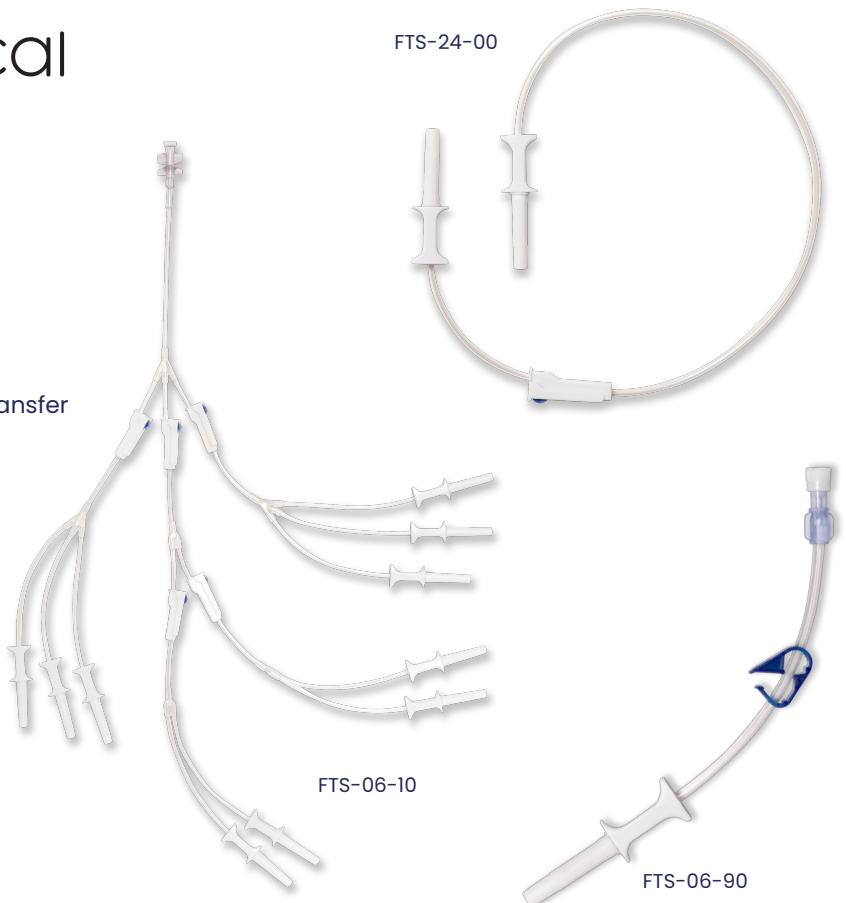
Bioprocessing

Fluid Transfer Sets

- Designed for bioprocessing and transfer of sterile fluids from one container to another
- Reduce contamination risk through secure fluid transfer
- Connect to transfer packs/bags for single-unit transfer, sample removal, and product transfer
- Supports bioprocessing in research and manufacturing
- BSE / TSE statement available
- REACH / RoHS Compliance statement available

Benefits

- DEHP-free materials
- IPA-compatible luers
- Optimized tubing length for process flexibility
- Tubing compatible with DMSO up to 20%
- Double-Tyvek® cleanroom-compatible packaging
- Compatible with sterile tube welding techniques



Custom Design Service

- Customize fluid transfer set solutions from concept to prototype
- Compatible with Charter and industry-standard componentry
- Enables custom sampling solutions and integration of aseptic connections

Standard Applications

Designed for bioprocessing and sterile transfer of media, biologics, and drug substances from one container to another

Ordering Information

Catalog #	Description	Case Qty	Tubing Length	Configuration Option
FTS-24-00	Bioprocessing Fluid Transfer Set 24" PVC	60	24"	Double-spike adapter
FTS-06-XL	Bioprocessing Fluid Transfer Set 6" with Syringe	60	6"	Spike adapter and syringe
FTS-06-10	Bioprocessing Fluid Transfer Set - 10-lead Harness	24	6"	10-lead w/ port adapter
FTS-06-90	Bioprocessing Fluid Transfer Set 6" with Spike Adapter	60	6"	Spike adapter and luer



Tubing Biocompatibility

Physical Test Data*

Property	Test Protocol	Value
Hemolysis	ISO-10993-4	Pass
Cytotoxicity	ISO-10993-5	Pass
Sensitization	ISO-10993-10	Pass
Intracutaneous	ISO-10993-10	Pass
Systemic Toxicity	ISO-10993-11	Pass

*post-gamma irradiation

Chemical Test Data*

Property	Test Protocol	Value
Tests for reducing matter	ISO 8536-4 Annex B.2	Pass
Tests for metal ions	ISO 8536-4 Annex B.2	Pass
Tests for titration acidity or alkalinity	ISO 8536-4 Annex B.2	Pass
Tests for non-volatile residue	ISO 8536-4 Annex B.2	Pass
Tests for absorption	ISO 8536-4 Annex B.2	Pass

*post-gamma irradiation

Standard Component Library

Customize fluid transfer set solutions from concept to prototype by utilizing components within our standard component library.

Compatible Tubing

DEHP-free PVC
.116" ID X .160" OD

Compatible Products

Freeze-Pak™ Bio-Containers
Cell Freeze® Cryogenic Containers
Cell Expansion Containers
Fluid Transfer Bags
Blood Transfer Bags

Compatible Connectors

Spikes
Female Luer Adaptors (Non-ABS)
Male Luer Adaptors (Non-ABS)
Spike Port Adapters
Syringes
Sampling Valves
Piercing Pins
Aseptic Connectors
3-Way Connector
4-Way Connector
Y Connector

Clamps

Pinch Clamps
Slide Clamps

Contact us today at www.chartermedical.com

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3948-A Westpoint Blvd, Winston-Salem, NC 27103, USA | 866.458.3116 | www.chartermedical.com

