



Total Parenteral Nutrition Filling Systems

Nutrikit® Transfer Sets



Applications

Total parenteral nutrition admixtures.

Admixing by gravity

This is the simplest of filling techniques. The filling time varies from 2 to 5 minutes according to the volume and the type of nutrient being transferred.

Neonatal transfer set

The neonatal transfer set is used for filling of Sartorius Stedim Biotech's 150 mL, 250 mL and 500 mL bags. This filling system supplies flexibility and safety by ensuring accuracy of fill volume for critical neonates' adapted treatments:

- Closed system for decreased contamination risks
- No disconnection between each bag preparation
- Precise fill volumes by means of a syringe
- 0.2 µm air vent filter for purging the line
- Pre-connected waste bag

Features

- EC marked: Directive 93|42|EEC and ISO13485 applicable for medical devices
- Full compliance with ISO11135: Highest sterility assurance level
- Multiple Manufacturing sites: High security of supply
- All connections extensively qualified: Safe and robust
- Standard design: Most designs available from stock

For gravity, vacuum or automated compound filling methods

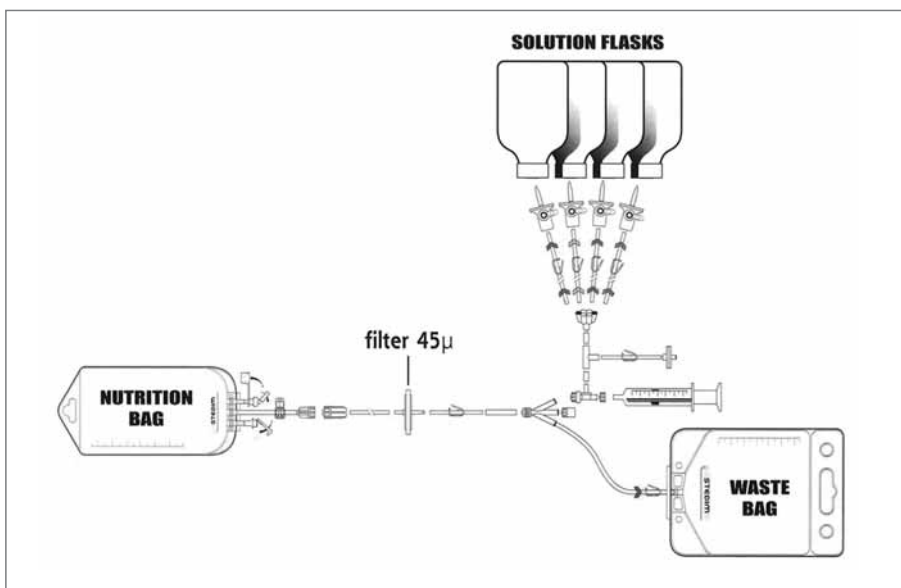
- From 3 to 6 leads with injection site and filter
- Wide bore tubing for rapid filling
- Spike: 1.2 µm microbial air filtration
- Luer® lock connector connection systems
- Connections for automated compounding machines

Description

Sartorius Stedim Biotech's range of Total Parenteral Nutrition (TPN) products offers a complete system enabling a simple, safe, patient-compliant and economical preparation, thanks to Nutrikit® transfer sets whose ease-of-use and secured manufacturing are essential in the entire total parenteral nutrition admixture preparation.

Specifications

Tubing	PVC
Fittings	Male Luer® Lock, spike, filter
Number of leads	3 or 6 leads and 4 leads for Neonatal transfer set
Sterilization	Ethylene oxide
Shelf-Life	3 years



Security of Supply

Sartorius Stedim Biotech has established multiple manufacturing sites with consistent industrial processes. The expertise of designing Single Use solutions based on collaborative supplier management and customer demand planning assures a state of the art and robust supply chain that can cope with strong market growth.

Validation

Nutrikrit® transfer sets have been qualified applying the most complex and innovative test regimes.

Quality Assurance

Sartorius Stedim Biotech Quality Systems for Single Use Products follow applicable EU directive regulations and FDA regulations for Medical Devices.

Design, Manufacture and Sterilization processes are conducted under conditions that mirror biopharmaceutical operations and meet cGMP requirements.

EC marking in conformity with the 93|42|EEC Medical device directive.

Nutrikrit® transfer sets are tested for compliance to:

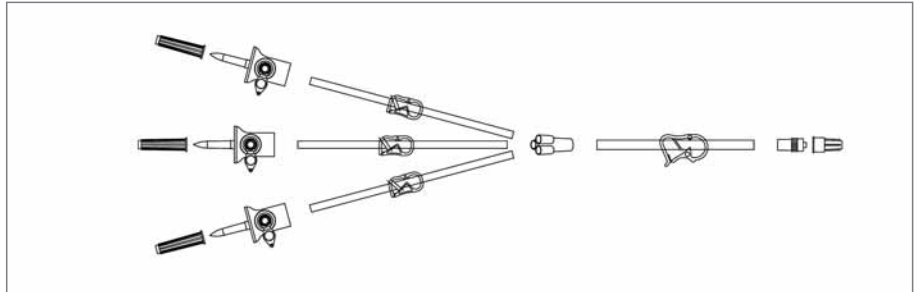
- USP <85>: Bacterial endotoxins test
- USP <87>: Biological reactivity tests, in Vitro
- USP <88>: Biological reactivity tests, in Vivo
- USP <661>: Tests for plastic
- USP <788> and E.P. 2.9.19 : Particulate
- ISO 11737 : Bioburden before sterilization
- ISO 11135: Sterilization of Medical Devices by Ethylene Oxide
- E.P.3.1.7: Poly (ethylene – vinyl acetate) for containers and tubing for total parenteral nutrition preparations.

Rapid Supply

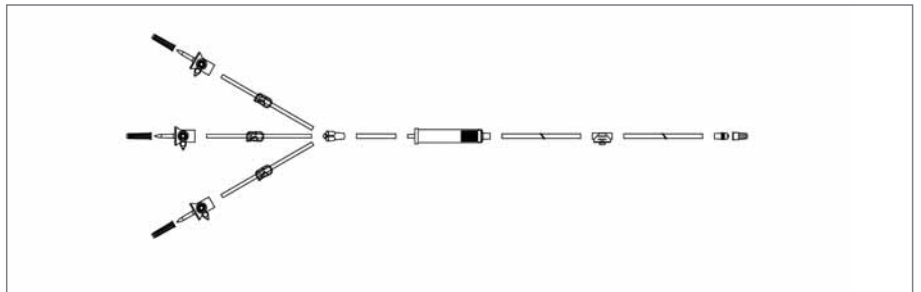
The majority of Standard Nutrikrit® transfer sets are available from stock.

Ordering information

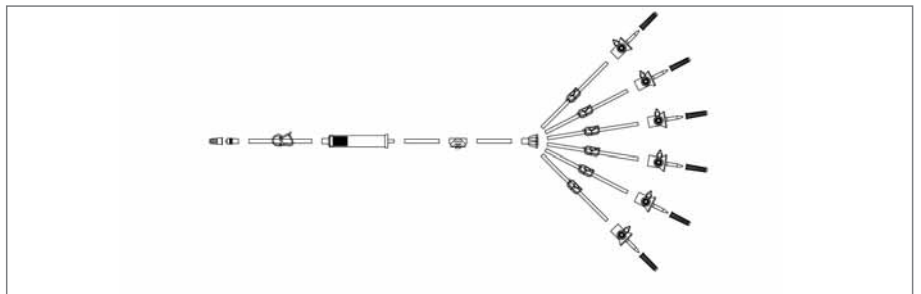
Part Number **Description** **Qty/box**
 FNT102170 3-lead transfer set | gravity filling 25



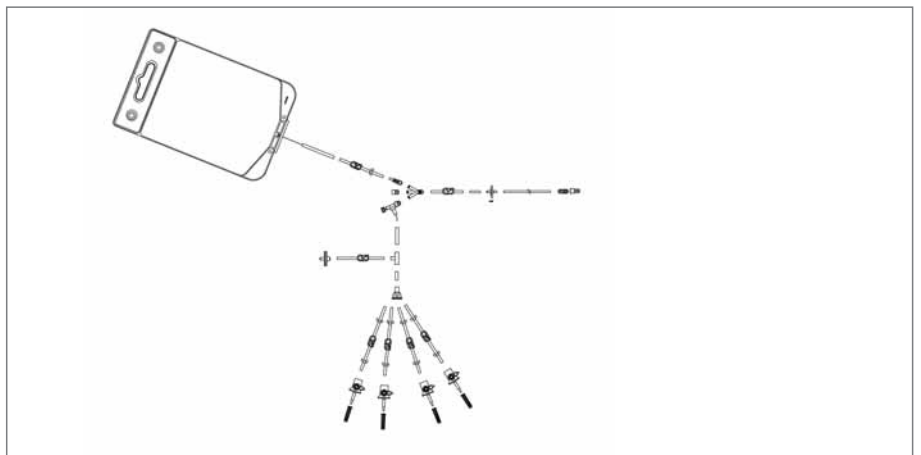
FNT102201 3-lead transfer set with filter | gravity filling 20



FNT102171 6-lead transfer set with filter | gravity filling 10



FNT102757 4-lead Neonatal Transfer Set with Filter | Syringe filling 10



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