



TIVA Administration Sets

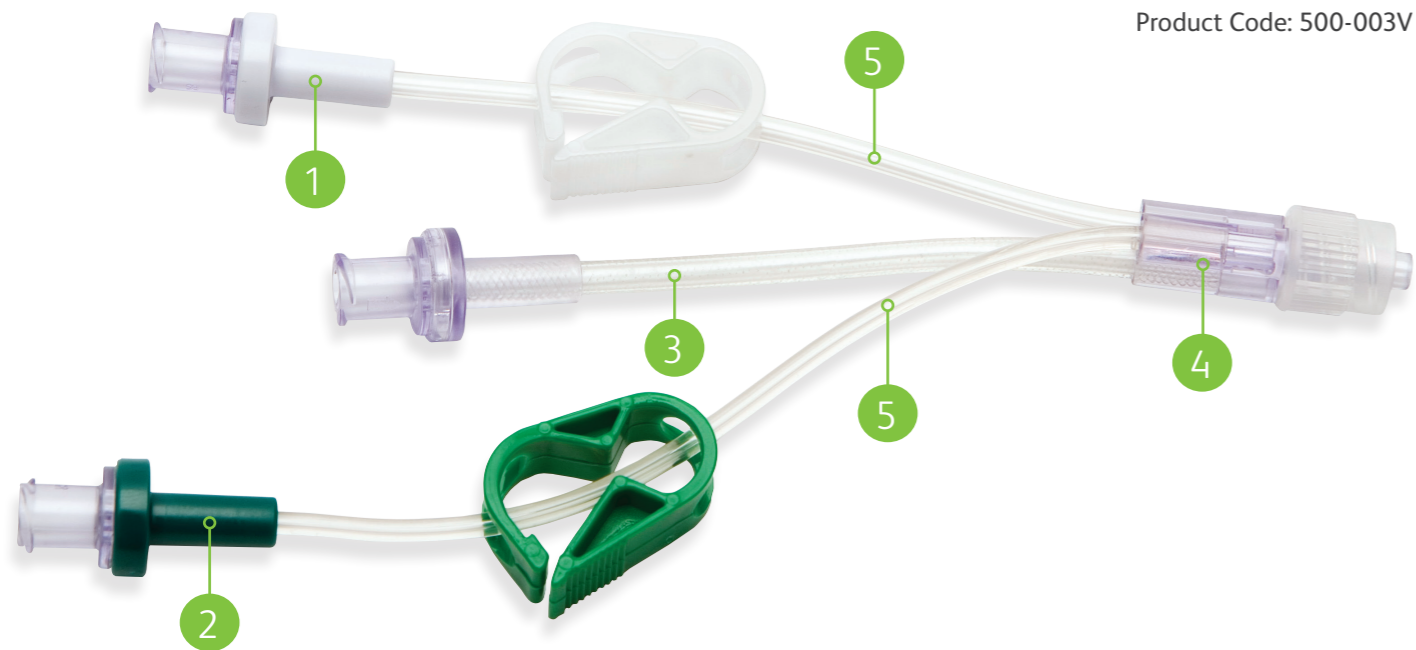
Combining patient safety with ease of use



TIVA sets with detachable extension sets

Total Intravenous Anaesthesia (TIVA) sets in combination with Target-Controlled Infusion (TCI) pumps ensure the patient receives:

- A more predictable ONSET of drugs
- Greater accuracy and ease of maintenance
- A more predictable OFFSET of drugs



Product Code: 500-003V

- 1 Integral anti-siphon valve**
 - Prevents accidental free-flow
 - Prevents back-flow of drugs
- 2 Color-coded anti-siphon valves and clamps**
 - Clear distinction between lines (i.e., white for propofol and green for remifentanyl)
- 3 Kink resistant polyurethane gravity line with back-check valve**
 - Helps to prevent unwanted occlusions
 - Ensures connection for a gravity infusion line, antibiotics, bolus drug, etc.
 - Back-check valve prevents back-flow of drugs
- 4 Multiple lumen hub with minimal areas for drug mixing**
 - There are no common fluid path areas in the sets reducing the risk of drug interaction
- 5 PE-lined tubing**
 - Prevents drug sorption
 - No leaching of phthalates into fluid pathway

DEHP or Natural Rubber Latex are not part of the material formulation



Key to symbols



Quantity



Female luer back-check valve



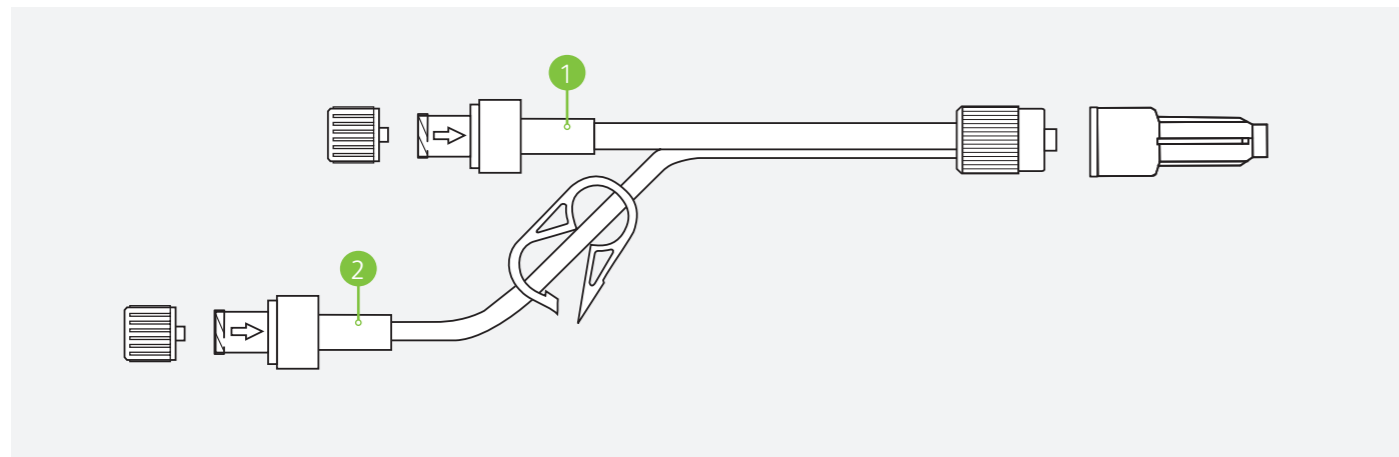
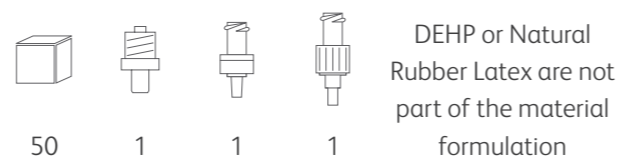
Female luer anti-siphon valve



Male luer

500-002V

- Set length 15cm
- 2-way Y connector
- Rotating male luer
- Polyethylene lined
- 1 pinch clamp

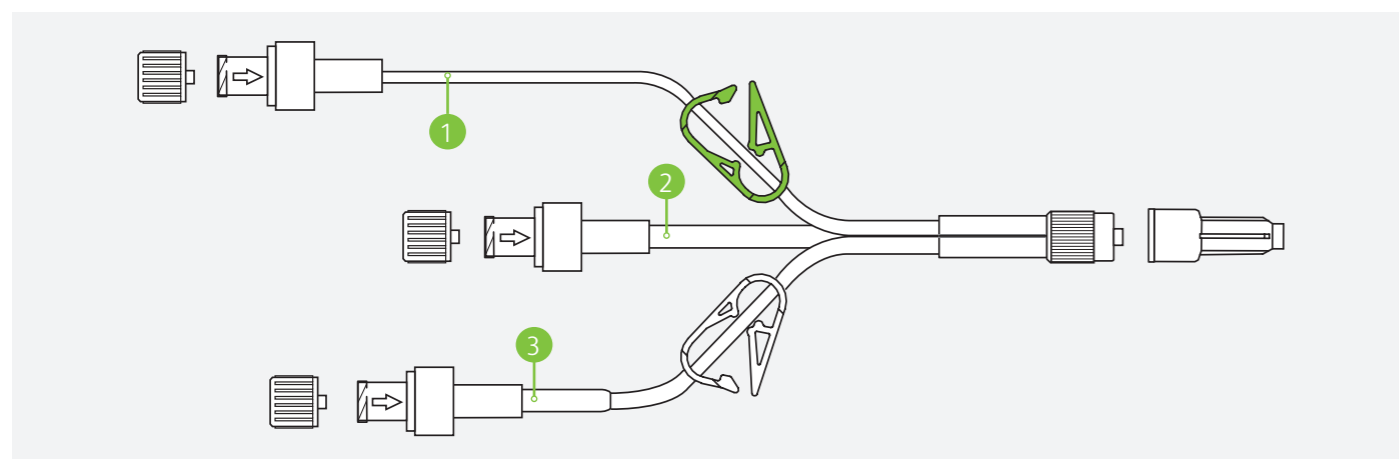
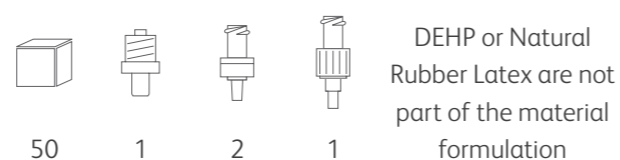


1 Gravity
 Priming volume: 0.5ml
 Tube inner diameter: 1.85mm
 Tube outer diameter: 3.6mm

2 White
 Priming volume: 0.6ml
 Tube inner diameter: 1.7mm
 Tube outer diameter: 3mm

500-003V

- Set length 15cm
- 3-way Y connector
- Rotating male luer
- Polyethylene lined
- 2 pinch clamp



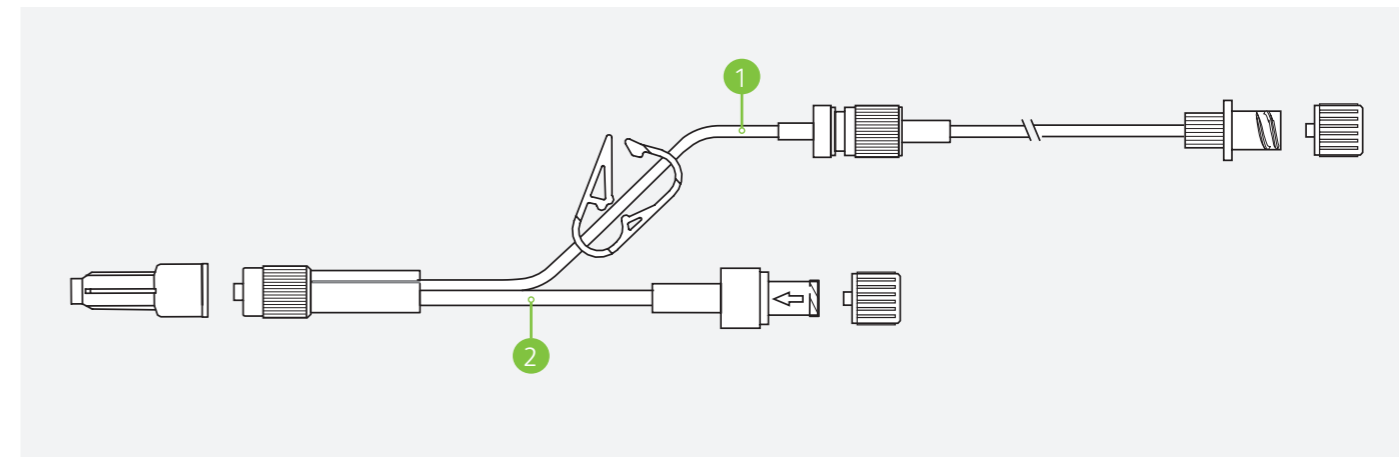
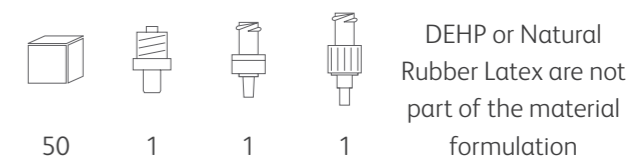
1 Green
 Priming volume: 0.3ml
 Tube inner diameter: 0.5mm
 Tube outer diameter: 2.5mm

2 Gravity
 Priming volume: 0.5ml
 Tube inner diameter: 1.85mm
 Tube outer diameter: 3.6mm

3 White
 Priming volume: 0.6ml
 Tube inner diameter: 1.7mm
 Tube outer diameter: 3mm

500-012V

- Set length 220cm
- 2-way Y connector
- Rotating male luer
- Polyethylene lined
- 1 pinch clamp

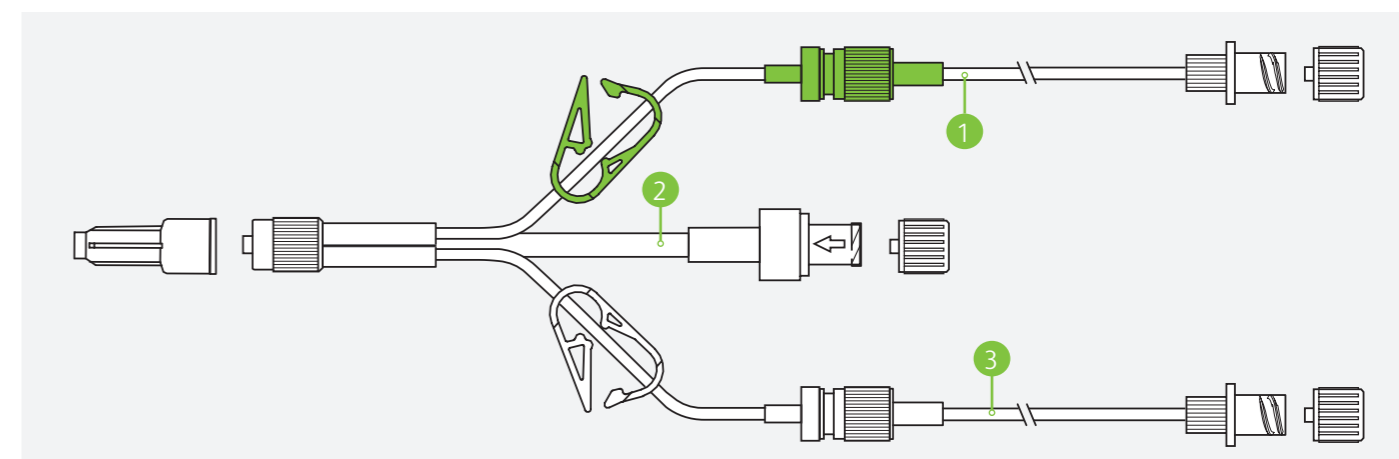
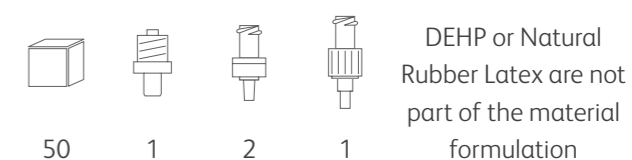


1 White
 Priming volume: 5.1ml
 Tube inner diameter: 1.7mm
 Tube outer diameter: 3mm

2 Gravity
 Priming volume: 0.5ml
 Tube inner diameter: 1.85mm
 Tube outer diameter: 3.6mm

500-013V

- Set length 190cm
- 3-way Y connector
- Rotating male luer
- Polyethylene lined
- 2 pinch clamp

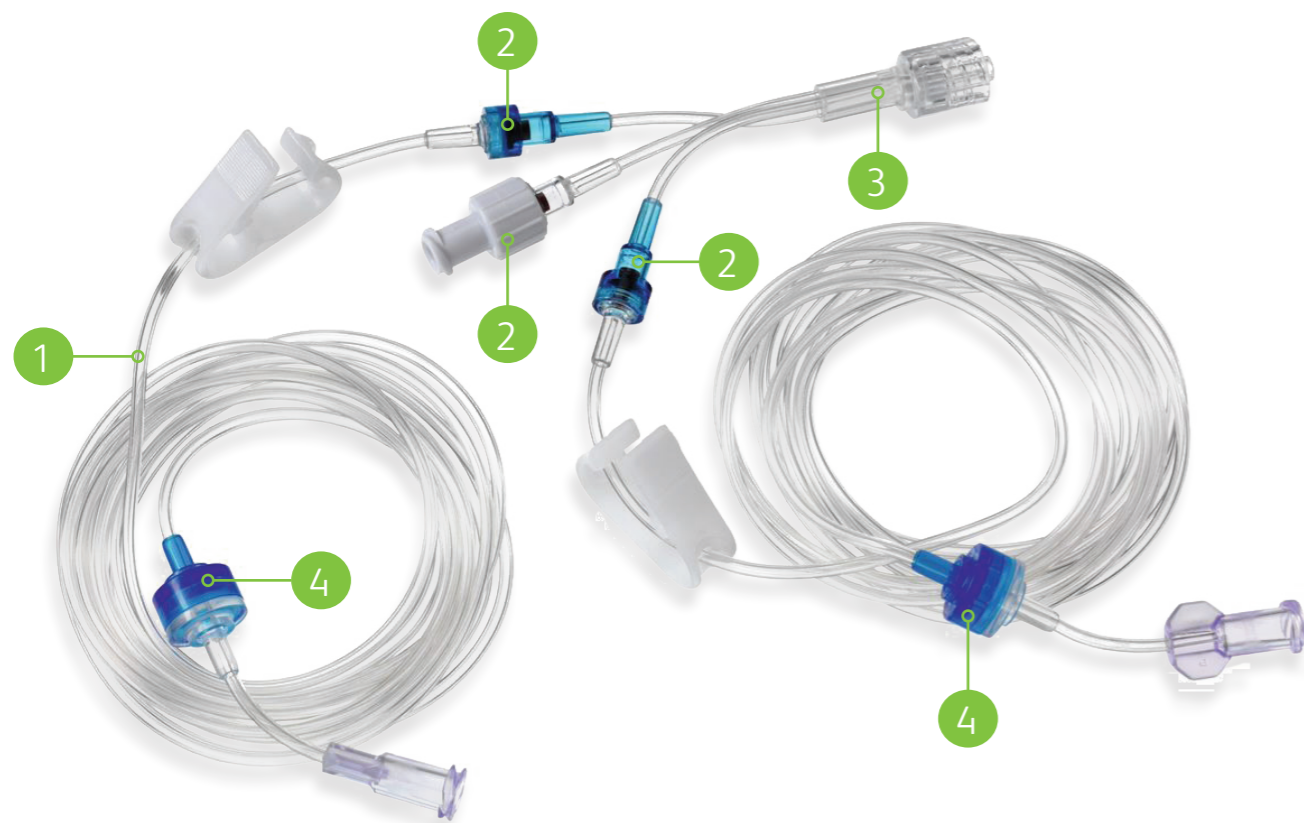


1 Green
 Priming volume: 4.7ml
 Tube inner diameter: 0.5mm
 Tube outer diameter: 2.5mm

2 Gravity
 Priming volume: 0.5ml
 Tube inner diameter: 1.85mm
 Tube outer diameter: 3.6mm

3 White
 Priming volume: 5ml
 Tube inner diameter: 1.7mm
 Tube outer diameter: 3mm

Non-detachable TIVA sets



- 1 Microbore tubing**
 - Low priming volume, less drug waste. Difficult to kink the tubing
- 2 Integral back-check valves**
 - Extra connection for a gravity infusion line, antibiotics, bolus drugs, etc.
 - Additional infusion line with integrated back check valves
- 3 Multiple lumen hub with negligible common fluid space**
 - Drugs have no common space in the sets
 - Reduces risk of drug interaction
- 4 Anti-siphon valves**
 - Prevents accidental free flow
 - Prevents back-tracking of drugs

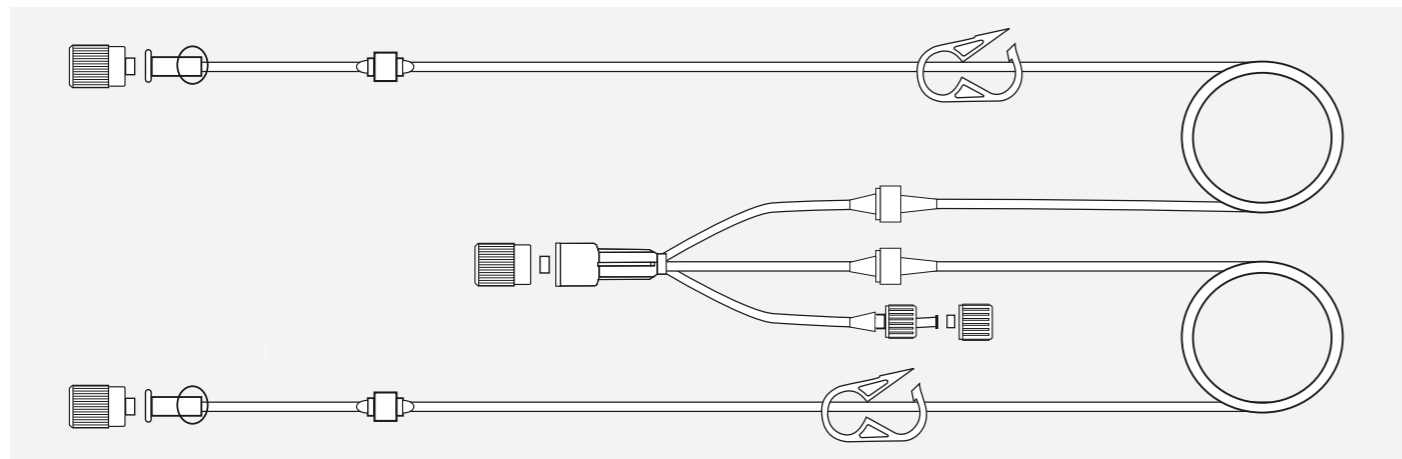
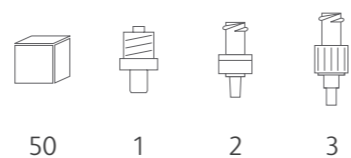


Key to symbols

-  Quantity
-  Female luer anti-siphon valve
-  Female luer back-check valve
-  Male luer

MFX2290

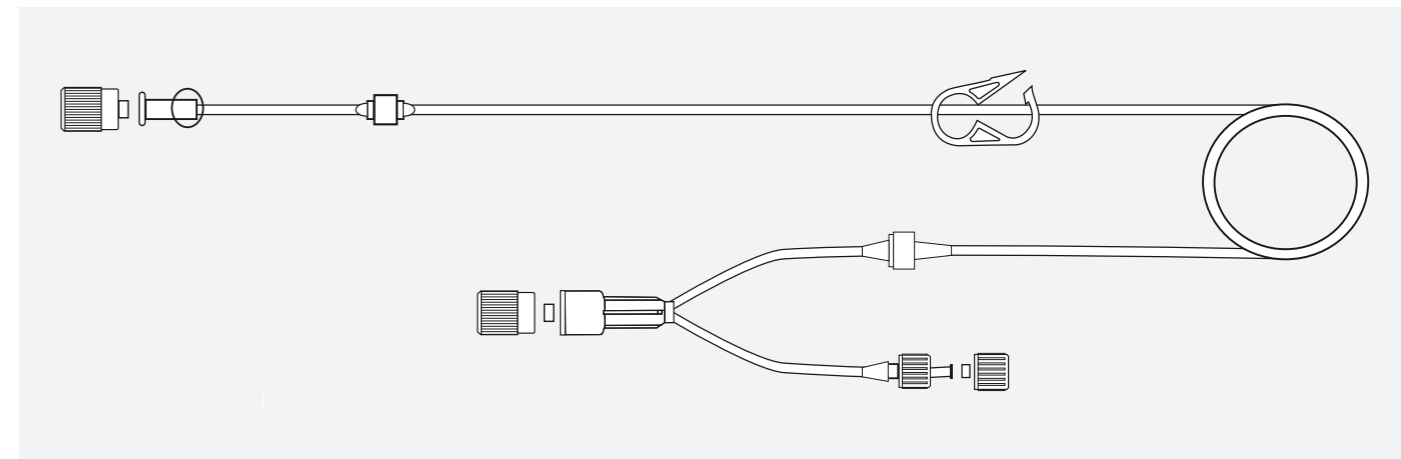
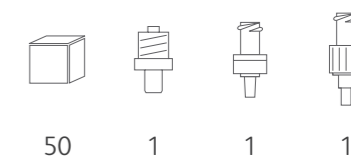
- Set length 210cm
- 3-way Y connector
- Rotating luer lock
- PVC lined
- 2 pinch clamp



Priming volume: 4.3ml
 Tube inner diameter: 1mm
 Tube outer diameter: 2.1mm

MFX2291

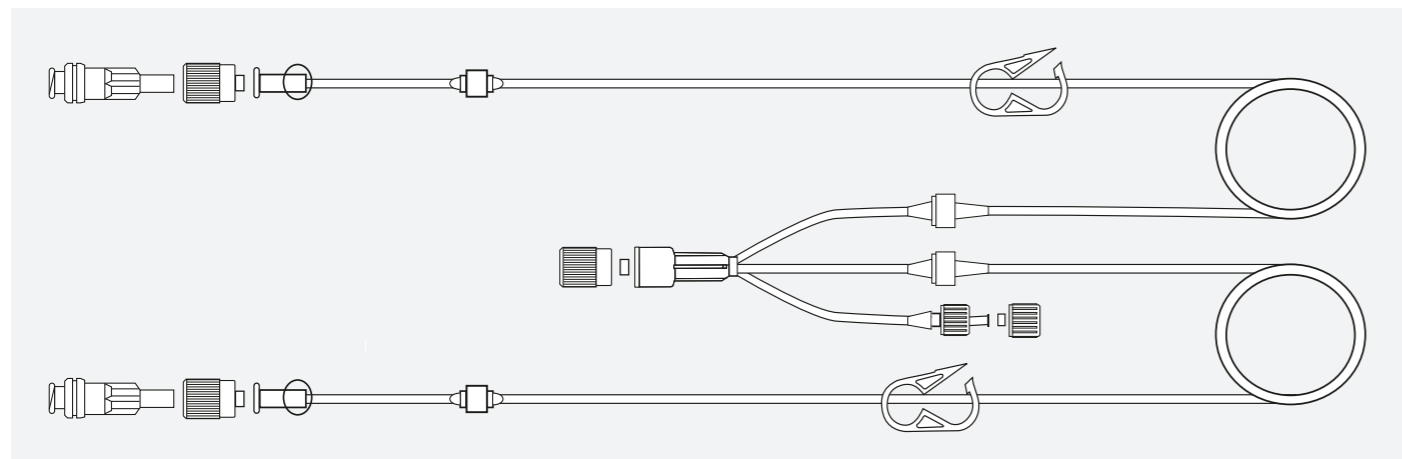
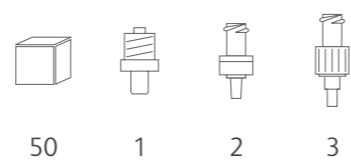
- Set length 210cm
- 2-way Y connector
- Rotating luer lock
- PVC lined
- 1 pinch clamp



Priming volume: 2.3ml
 Tube inner diameter: 1mm (second tube 3mm)
 Tube outer diameter: 2.1mm (second tube 4.1mm)

MFX2290E

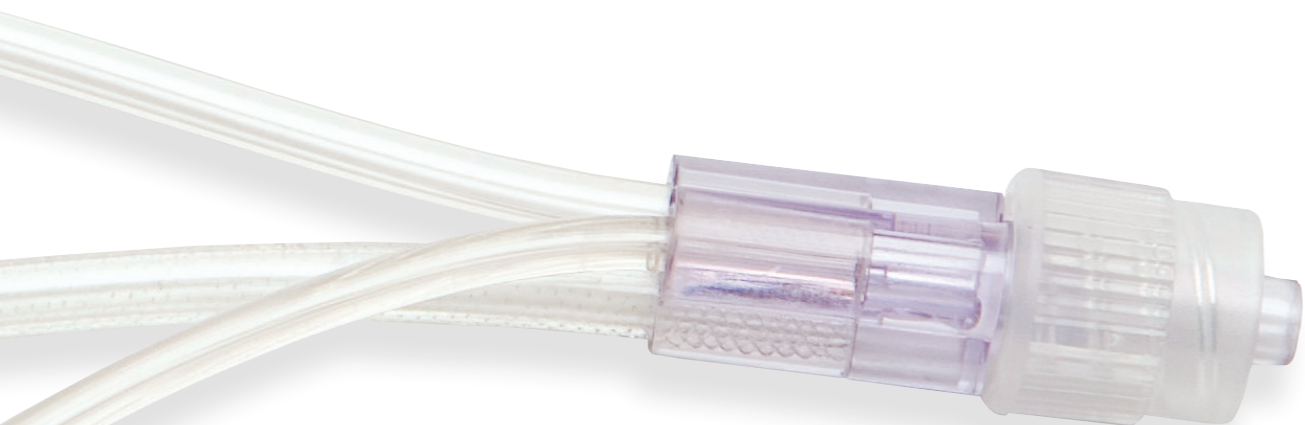
- Set length 210cm
- 3-way Y connector
- 2 SmartSite™
- Rotating luer lock
- PVC lined
- 2 pinch clamp



Priming volume: 4.3 ml
 Tube inner diameter: 1mm
 Tube outer diameter: 2.1mm

Combining patient safety with ease of use. The full range of TIVA sets from BD.

PVC-free in the fluid path (no phthalates).



The infusion set through which TIVA is delivered should have a luer lock connector at each end, an anti-siphon valve on the drug delivery line(s) and an anti-reflux valve on any fluid administration line. Drug and fluid lines should join as close to the patient as possible to minimize dead space. The use of administration sets specifically designed for TIVA is recommended.

The TIVA sets contains:

- Total infusion set solution for a fast set up. All in one package. No need for additional parts
- Integral anti-siphon valve to prevent free flow
- Integral back-check valves to prevent drugs from mixing in the infusion line
- Kink resistant polyurethane gravity line
- 2-meter-long, low volume, kink resistant extension sets to ensure easy priming, smart and safe pump set up and minimal drug waste after the anaesthesia
- Easy access for additional emergency bolus drugs or gravity lines for fluid replacement, antibiotics, etc.
- PE-lined tubing to prevent absorption or adsorption of drugs



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