

# FAQ

## Duplex® Container

### How are B. Braun Duplex IV containers different from those that contain PVC?

The Duplex container product (diluent and drug) contact layer is a mixture of thermoplastic rubber and a polypropylene ethylene copolymer that contains no plasticizers. It is not made with DEHP, PVC, or natural rubber latex that could potentially migrate into the solution. The Duplex container is designed to reduce medication errors due to drug adsorption and harmful exposure to DEHP.

### Can we use a marking pen to write on the Duplex containers?

We do not conduct any biocompatibility testing on the inks used in the manufacturing of marking pens. Therefore, we do not recommend using any marking pen on the fluid contact area of Duplex containers.

### Can the Duplex container be transported in a pneumatic tube system?

Pneumatic Tube System testing has been conducted on the 50 mL Duplex container system and can be transported in a 5-inch Pneumatic Tube System. Testing showed the Duplex container system withstood pneumatic system simulation tests with regards to cracks, leakage, delamination, or activation of the peelable seals.

### What is the diluent fill volume of the Duplex container?

To guarantee the nominal filling of the volume indicated at the label, all containers must be filled with a surplus during the manufacturing process.

Nominal filling volume	50 mL
Filling volume	approx. 58.5 mL
Minimum filling volume	54.5 mL

### What are the residual volume specifications for the Duplex® container?

The residual volume specifications for the Duplex container are shown in the table below:

Nominal Volume	Average residual volume after drainage	Residual volume (as % of nominal volume)	Filling volume
50 mL	Approx. 2 mL	Approx. 4%	58.5 mL

### What is the recommended disposal method for the Duplex container?

The container can be disposed of per institutional protocol of other IV containers.

### Can you spike the Duplex container while it is hanging or is it better to spike the Duplex container while it is sitting on a solid surface?

Our recommendation is to spike the Duplex container when it is positioned flat onto a surface and to insert the spike without twisting or rotating. This type of handling facilitates the stabilization of the IV container, may be more comfortable for the user and helps avoid possible leaks while the IV container is hanging during infusion.

### What is the recommended storage of the Duplex container?

To avoid inadvertent activation, the Duplex Container should remain in the folded position until activation is intended.

## Meropenem in Duplex

### What temperature can you store Meropenem in Duplex?

Before reconstitution, Meropenem in the Duplex container should be stored at room temperature. Do not refrigerate or freeze.

After reconstitution, the product can be stored at room temperature for 1 hour or stored under refrigeration for 15 hours.

### How long can the Meropenem in Duplex container be stored after the removal of the foil peel?

If foil strip is removed, the container should be re-folded and the side tab latched until ready to activate. The product must then be used within 7 days at room temperature, but not beyond the labeled expiration date.

### Can you administer partial doses of Meropenem in the Duplex container?

If a dose of Meropenem for Injection USP and Sodium Chloride Injection USP is required that does not equal 500 mg or 1 gram, this product is not recommended for use and an alternative formulation of Meropenem should be considered.

### Is there a risk of the port leaking when I disconnect the IV set spike?

When the Duplex container is empty, do not disconnect the IV set spike while the container is still hanging. Take down the Duplex container from the infusion pole and remove the IV set spike once the container is standing upright. Then discard the components separately.