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***How do I remove water from the bag without contaminating it? If I don't remove all the water at once, can I make a second withdrawal?***

Microbix' customers use **WFI Quality Water** for many different purposes and have numerous strategies for removing product from the bags. The following provides some cautions and a suggestion for one possible method for removing product while preserving the quality of the water remaining in the bag.

The quality of the product is dependant on the integrity of the product bag, the storage conditions and handling of the product as set out on the product label. When the container is opened or if the storage or handling instructions are not followed, the quality and stability of the product may be compromised. For best results, we suggest that the container be opened and the entire contents used at once. If you wish to use only part of a container and reserve the remainder for later use, precautions must be taken to ensure the quality of the remaining product is preserved.

- Follow storage and handling instructions as provided on the label
- Ensure that no microbial contaminants are introduced during or after the removal of product from the bag.

The following is a possible method for dispensing from the bag in order to avoid contaminating the material left in the bag if not using the entire contents at once as recommended. This procedure must be carried out in environmentally controlled areas by individuals, gowned appropriately and qualified in aseptic processing.

1. Prepare an adapter to connect the bag to the receiving vessel. One end of the adapter should have a mated fitting to the connector on the bag.
2. Sterilize the adapter before use.

*All manipulations of the hose should take place under Class 100 conditions.*

3. Sanitize the outside of the dispensing hose with 70% IPA or other suitable disinfectant.
4. Sanitize the outside of the adapter.
5. Remove the protective cap from the dispensing hose and set aside. Ensure that the rim of the cap does not contact anything.
6. Aseptically connect the adapter to the dispensing hose and dispense product.
7. Disconnect the adapter and replace the protective cap over the end of the dispensing hose.
8. Manipulate the bag end of the dispensing hose such that it contacts an air pocket within the bag and allow any water in the tubing to drain back into the bag.
9. Prevent water from re-entering the tubing by closing the pinch clamp provided.