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RESEARCH PRODUCTS

Breakseal Flasks

Instructions for Use

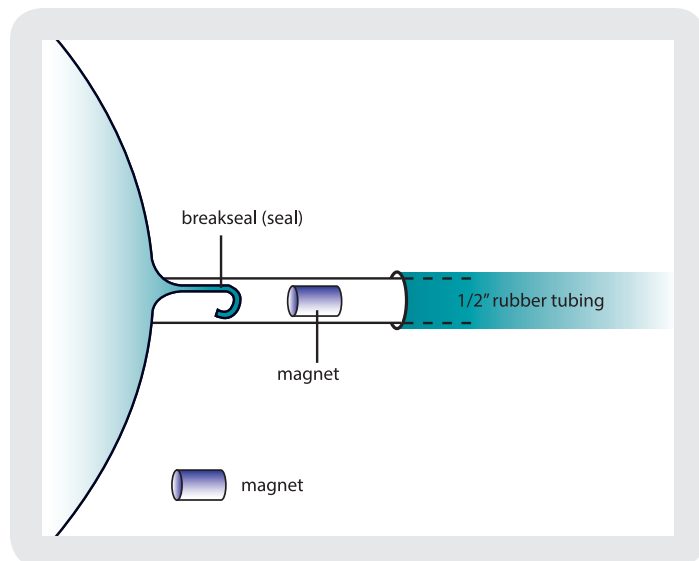


Breakseal flasks are used for adding a gas directly to a reaction container. They are intended for a single use within a closed system. Two magnets are used to break the seal, thus releasing the gas from the breakseal flask into the system.

We recommend inspection of the breakseal flask prior to use to ensure that the product/packaging has not been compromised.

Steps for Using Breakseals

- Place a small metal weight into the end of the breakseal. Attach 1/2" tubing carefully to the breakseal. Do not allow the magnet to damage the seal.
- Connect the breakseal to the reaction container using rubber tubing.
- Evacuate tubing and clamp off the vacuum.
- To add the gas to the reaction, use a magnet on the outside of the glass to manipulate the magnet inside the neck of the breakseal to break the seal.
- After the gas has been added, clamp off the tubing in two places. Cut the tubing between the reaction and the breakseal. This will prevent any residual gas from escaping.
- Cut tubing between the clamps.
- Dispose of the breakseal and residual glass properly.



Shaking the flask is not recommended.