

Disconnecting the Dry-Bag for Re-use

1 Before disconnecting the Bag Connector, close the clip provided on the outlet tube and then use a second clip to seal the tube a short distance along from the first clip.



2 The bag can now be disconnected and the prepared medium stored at 4-25°C for up to 72 hours from the time it was made up.



Re-connecting the Dry-Bag

1 Leave the clips on the outlet tube in the closed position.



2 Using sterile scissors cut the outlet tube as shown.



3 Keep the remaining clip on the outlet tube in the closed position and aseptically connect the outlet tube to a new, sterile Bag Connector/ tube set. Ensure the Bag Connector is fully inserted to form a tight seal.



4 The clip on the outlet tube may now be opened to enable dispensing to commence. The cut, end piece of tubing should be discarded.



For More Information

To find out more about the Oxoid Dry-Bag range of products, please speak to your local Oxoid representative or contact us using the details below.



DEDICATED TO MICROBIOLOGY

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Dry-Bags

OXOID DRY-BAGS PROVIDE A QUICK AND CONVENIENT SOLUTION FOR FOOD TESTING LABORATORIES. AVAILABLE WITH SINGLE-USE FILTERS FOR MAXIMUM CONVENIENCE OR WITHOUT FOR A MORE ECONOMICAL OPTION. AUTOCLAVABLE FILTERS FOR USE WITH DRY-BAGS ARE ALSO AVAILABLE.



▼ OPEN ▼

CONVENIENT

Quick and easy to prepare – just add water to each Dry-Bag and they are ready to use in minutes.

SAFE

No handling of glassware or weighing of culture media required. Empty bags can be disposed of with normal laboratory waste.

COST EFFECTIVE

Dry-Bags are light to transport. There is no labour-intensive production or sterilisation required, reducing the burden on media preparation departments and equipment.



▼ FILL ▼

EASY TO USE

Simple to fill and dispense – easy-to-follow instructions provided.

SPACE-SAVING

Conveniently packed in boxes of five or ten, Dry-Bags take up relatively little space compared to prepared media and can be made up as required.

QUALITY GUARANTEED

Quality certificates available for every batch to help reduce the burden of QC testing.



DISPENSE



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Procedure for Connecting, Dispensing, Disconnecting and Re-connecting Oxoid Dry-Bags

Connecting and Dispensing the Dry-Bag

1 Remove the Dry-Bag from the outer packaging; place onto a flat surface or trolley, and shake to distribute the dehydrated powder.



2 Ensure that the clips on both tubes of the Dry-Bag remain in the closed position throughout the connecting process. If using Dry-Bags without filters go to Step 3a. If using standard Dry-Bags go to Step 3b.



3a Remove the cap from the end of one of the Dry-Bag tubes. Aseptically insert a sterile Dry-Bag Filter (order code DB0200A) - ensure the filter is correctly orientated i.e. with the black arrow pointing towards the bag. Secure the Dry-Bag tubing using one of the Tube-Ties provided. Continue to step 3b.



3b Connect pump tubing to the filter on the Dry-Bag and secure using one of the Tube-Ties provided.



4 When ready, open the clip between the Dry-Bag and the filter. It may be necessary to squeeze the tubing to fully open it.



5 Begin to fill the bag using a peristaltic pump or other suitable equipment. Ensure that the flow of water into the bag does not exceed 2 litres/minute as this may damage the filter.

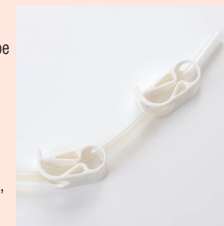


6 As the water flow begins, ensure there are no leaks around the filter connections. If at any time during filling, air builds up around the filter, a block may occur - any air can be released by quickly opening and re-closing the vent on the side of the filter.

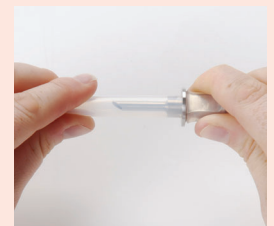


7 Whilst filling, manually agitate the bag until the powder is completely dissolved. Once the required volume of water has been added (i.e. 20 litres), turn off the water supply and close the clip between the filter and bag. If using an Oxoid Dry-Bag Filter (order code DB0200A) it may now be removed. If the disconnection is carried out aseptically the Dry-Bag Filter may be used to fill further bags (up to a total volume of 200 litres). Alternatively, the Dry-Bag Filter may be sterilised by autoclaving at 121°C for 15 minutes between each use. The filter may be autoclaved and reused up to 10 times.

8 A Bag Connector (order code BM9901A) and dispensing tube set should be pre-sterilised and ready to connect to the Dry-Bag outlet tube (unused tube). NB. If it is anticipated that the Dry-Bag will be disconnected before emptying, slide a second clip onto the outlet tube before inserting the Bag Connector. (See over page for disconnection instructions).



9 Remove the cap from the outlet tube and aseptically insert a sterile Bag Connector. Ensure that it is fully inserted.



10 Once ready to dispense, the clip on the outlet tube may be opened (it may be necessary to squeeze the tube to fully open it). A pump or automatic diluter should be used to dispense the medium into the final receptacle.



11 Begin dispensing. Tilt the Dry-Bag to remove the last of the liquid. If required, unused or partially used, bags may be stored for up to 72 hours at 4-25°C. Ensure sterility of the outlet tube is maintained at all times during use and storage.



12 Dispose of the empty Dry-Bag with normal laboratory waste. The stainless steel Bag Connector may be cleaned and sterilised for re-use.

