

Tube-and-Bottle Bucket Covers for the SX4750, SX4750A, and JS-4.750 Rotors

Transparent covers made of Ultem are available for the SX4750, SX4750A, and JS-4.750 rotor buckets. Covers have been tested to demonstrate containment of microbiological aerosols under normal conditions of the associated Beckman Coulter centrifuge when used and maintained as instructed. Each cover requires an O-ring (made of ethylene propylene rubber) that seats on a ledge inside the bucket. The covers, which are held in place by attached latches, can be used with all blood bags, bottles, cell culture flasks, and tubes listed in the applicable rotor manual.

NOTE Because of the shape of the covers, 130 mm tubes in multitube adapters can be used *only* in the center cavities of the adapters when covers are used.

Beckman Coulter recommends that you use these bucket covers for aerosol containment and to help contain spills and glass particles in the event of tube breakage. The covers will contain liquids and broken tube particles, reducing the need to clean the centrifuge chamber, and allowing you to take appropriate precautions before opening the covers in the event of tube breakage.

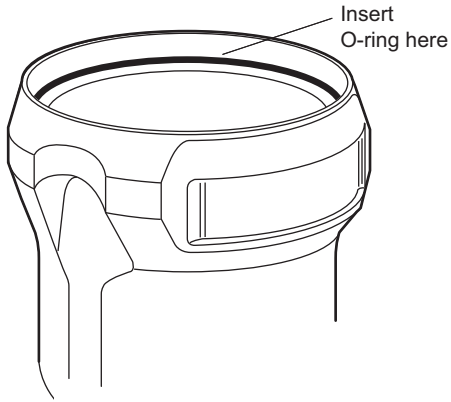
Refer to publication GX-TB-003 (SX4750), GX-TB-004 (SX4750A), or B80289 (JS-4.750) for detailed instructions on the use and care of the rotor.

Installation and Removal

- 1 Make sure that the bucket and the bucket cover are clean, dry, and undamaged.
- 2 Make sure that the O-ring (961648) is in good condition. Lightly coat it with silicone vacuum grease (335148).

- 3 Place the O-ring on the ledge inside the bucket (see [Figure 1](#)).

Figure 1 Placement of O-ring



- 4 Place the cover on the bucket with the latches located perpendicular to the pin sockets.
- 5 Snap the latches down and secure them under the bucket rim.
- 6 To remove the cover after a run, carefully release the latches and then remove the cover.

NOTE A dry release agent is used to facilitate removal of cell culture flask adapters from buckets following centrifugation. To avoid compromising the bucket/cover bioseal, the release agent should not be allowed on the bucket O-ring. When running cell culture flasks, use the provided adapter to apply the dry release agent to the bucket cavity and take care to avoid contamination of the O-ring.

Care and Maintenance

NOTE Refer to the applicable rotor manual for care and maintenance of other rotor components and accessories.

Cleaning

- 1 Wash the bucket covers with a mild detergent such as Beckman Solution 555 (339555), diluted 10 to 1 with water. *Do not wash the covers in a dishwasher.*
- 2 Rinse thoroughly with water and dry completely.

Decontamination

If bucket covers become contaminated with toxic or pathogenic materials, follow appropriate decontamination procedures as outlined by your laboratory safety officer. Refer to *Chemical Resistances* (publication IN-175) to ensure that the procedures will not damage the bucket covers.

Sterilization and Disinfection

WARNING

Risk of personal injury or equipment damage. Ethanol is a flammability hazard. Do not use ethanol in or near operating centrifuges.

WARNING

Risk of chemical injury from bleach. To avoid contact with the bleach, use barrier protection, including protective eyewear, gloves, and suitable laboratory attire. Refer to the Safety Data Sheet for details about chemical exposure before using the chemical.

The bucket covers can be autoclaved at 121°C for up to 30 minutes. Before autoclaving, remove the air-vent filter from each cover by gently pushing it out from underneath the cover with a pencil or other non-metal tool that will not scratch the cover material. After autoclaving, insert a new air-vent filter into each cover. Ethanol (70%) or sodium hypochlorite (up to 5%) may be used on the covers.

While Beckman Coulter has tested these methods and found that they do not damage components, no guarantee of sterility or disinfection is expressed or implied. When sterilization or disinfection is a concern, consult your laboratory safety officer.

Returning a Component

In most cases it is not necessary to return defective accessories. In those rare cases where return of defective items is necessary, prior permission (a Returned Goods Authorization form) must be obtained from Beckman Coulter, Inc. This RGA form may be obtained from your local Beckman Coulter office.

To protect our personnel, it is the customer's responsibility to ensure that parts are free from pathogens and/or radioactivity. Sterilization and decontamination must be done before returning the parts. The parts should be enclosed in a sealed plastic bag.

All parts must be accompanied by a note, plainly visible on the outside of the box or bag, stating that they are safe to handle and that they are not contaminated with pathogens or radioactivity. Failure to attach this notification will result in return or disposal of the items without review of the reported problem.

Use the address label printed on the RGA form when mailing the components.

Customers located outside the United States should contact their local Beckman Coulter office.

Supply List

Cover assembly (set of 2)	392805
O-ring (ethylene propylene rubber, set of 8.....	961648
Bucket cover latch assembly	360587
Air-vent filter (pkg/60)	368148
Solution 555 (1 qt).....	339555
Silicone vacuum grease (1 oz)	335148

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If you have any questions, contact our Customer Support Center.

- Worldwide, find us via our website at www.beckmancoulter.com/customersupport/support.

- In the USA and Canada, call us at 1-800-369-0333.
- Outside of the USA and Canada, contact your local Beckman Coulter Representative.



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