

Sulfur Dioxide Tube Instructions

Shelf life: This tube has a shelf life of 12 weeks. Tubes must be exposed and returned for analysis within this period.

Tube storage: Tubes should be refrigerated before exposure. Do not exceed the shelf life. If using a blank tube, do not remove the tube from the screw top container. Store in the same conditions as the sampling tubes.



Fixing tubes: It is important that the end of the tube is in an area with a free circulation of air. Certain surfaces may act as absorbers leading to reduced atmospheric concentrations immediately adjacent to the tube. For this reason tubes should not be mounted directly onto a surface. Ideally a spacer of at least 5cm should be used between the surface and the tube. The spacer should not be placed in any form of recess (to avoid the possibility of sampling stagnant air). To avoid sampling in an area of higher than usual turbulence, tubes should not be located on the corner of a building.

Exposure:

1. Remove tube from screw top container. Keep container in a safe place.
2. Position tube vertically with the cap containing the filter facing downwards during required sampling period (2-4 weeks).
3. After sampling put the tube back into the screw top container. **Label the tube clearly with a small sticky label or write on the colored cap. Do not cover the barcode.**

Returning tubes: Tubes should be returned as soon as possible after exposure. Fill in exposure sheet including **exposure time**. Tubes should be returned in a sealed container, such as the plastic bag that they are received in.

Return address:

Ormantine USA Ltd., Inc.
1741 Convair Street
Palm Bay, FL 32909
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diffusion@ormenviro.com