

Ozone 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. High readings may occur due to a breakdown of NO/NO₂ from solar irradiation when tubes are exposed in intense direct sunlight, if this may be an issue the tube should be exposed while shaded.

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. **Label the tube and the exposure sheet clearly with the supplied barcode labels (see below).** After sampling put the tube back into the screw top container.

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:

Gradko International Ltd, St Martins House, 77 Wales Street, Winchester, Hampshire, SO23 0RH.

Tel: +44 (0) 1962 860 331

Email: diffusion@gradko.com or enquiries@gradkolab.com

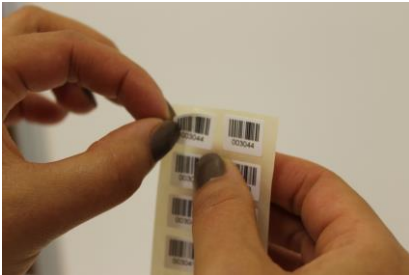
New Barcoding for Tubes

On receiving your delivery, you should find enclosed
A copy of an exposure sheet
A strip of bar codes
Your tubes

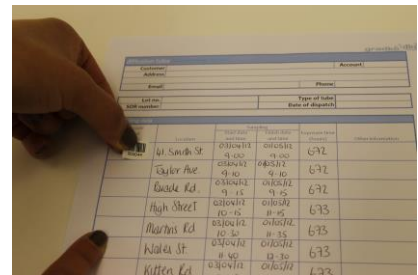


We recommend that you label your tubes (and sheets) at the point of placing the tubes on site.

Simply take the 1st of the duplicate labels (1.) and stick it to the appropriate location on the exposure sheet (2.).



1.

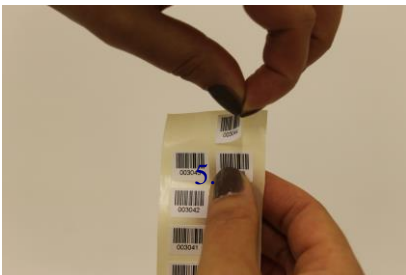


2.

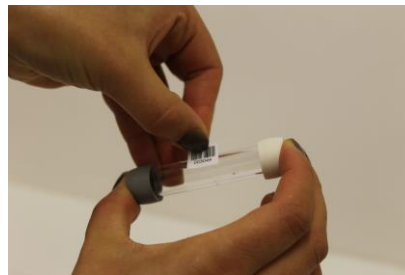
Then take the 2nd matching label (3.) and stick it to the tube exposed at the same location (4.).

Please take care to make sure the label is securely fixed to the tube (5.).
These labels are treated to deal with the weather conditions.

3.



4.



5.

